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IDENTIFIERS Comprehensive Instructional Management System

ABSTRACT

This document is part 1 of the workbook for grade 1 pupils in the Comprehensive Instructional Management System, a unified mathematics curriculum for kindergarten through grade 7. Each objective is developed by a variety of strategies, with mastery of objectives diagnosed through a testing component. The activities in the student workbook are designed to provide practice in mastering the performance objectives, following the sequence in the teacher's manual. One hundred five performance objectives are included in this part of the grade 1 workbook, designed to develop relationships, number concepts, measurement ideas, and addition and subtraction skills. (MIS)

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CIMS

COMPREHENSIVE INSTRUCTIONAL MANAGEMENT SYSTEM

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A Cyclical Mathematics Curriculum



Workbook Part I

NEW YORK CITY BOARD OF EDUCATION
OFFICE OF CURRICULUM DEVELOPMENT AND SUPPORT
DIVISION OF CURRICULUM & INSTRUCTION

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SE 045 507

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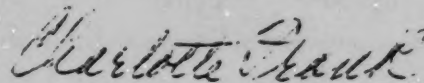
FOREWORD

The Comprehensive Instructional Management System (CIMS) is a unified mathematics curriculum for grades K-7. The curriculum is cyclical in design, and reflects the most recent New York City and New York State guidelines.

Utilizing the experience of our system's teachers, we have developed a teacher-designed curriculum that includes a rich selection of classroom-tested successful mathematics activities. The major goal of the CIMS mathematics project is to provide the classroom teacher with a well-structured, objective-based curriculum. All objectives are supported by a variety of strategies. Student mastery of these objectives is readily diagnosed through the system's testing component.

The curriculum format is structured to allow the teacher to determine the ability level of the students in the topic under study, and to permit the students to move forward at their individual rates. Each module of instruction provides the teacher with a set of related performance objectives. These objectives are supported by activities which probe and develop the students' readiness to undertake new skills and concepts. Further reinforcement is given to mastery of the objectives through accompanying student workbooks.

It is hoped that this curriculum will not only assist teachers in developing vital mathematics instruction, but will serve to expand and enrich students' mathematics skills.



Charlotte Frank,

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ACKNOWLEDGMENTS - 1984

The Comprehensive Instructional Management System (CIMS) was developed as a project of the Division of Curriculum and Instruction, Charlotte Frank, Executive Director. Dr. Peter Negroni, Community School Superintendent CSD 12; Dr. Harvey Garner, Community School Superintendent CSD 18; Carlos Edwards, Community School Superintendent CSD 23, and Joseph Pacheco, Community School Superintendent CSD 32 supervised the overall development of the CIMS program within their respective districts.

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To The Teachers:

The activities in the CIMS student workbook are designed to provide the pupils with practice in mastering the curriculum's performance objectives and follows the sequence of the CIMS teacher's manual. Each workbook activity page lists the corresponding performance objective number in the upper left hand corner. The activity page numbers are identical to those found in the CIMS teacher's manual.

To The Students:

This mathematics workbook will help you to practice many of the new ideas your teachers have presented. Each worksheet has examples of the material you have studied in your daily mathematics lesson. As you proceed through this workbook, you will notice that you have learned many skills and will be ready to move on to more difficult ones.

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P.O. 1.01.01.01

NAME: _____

CLASS: _____

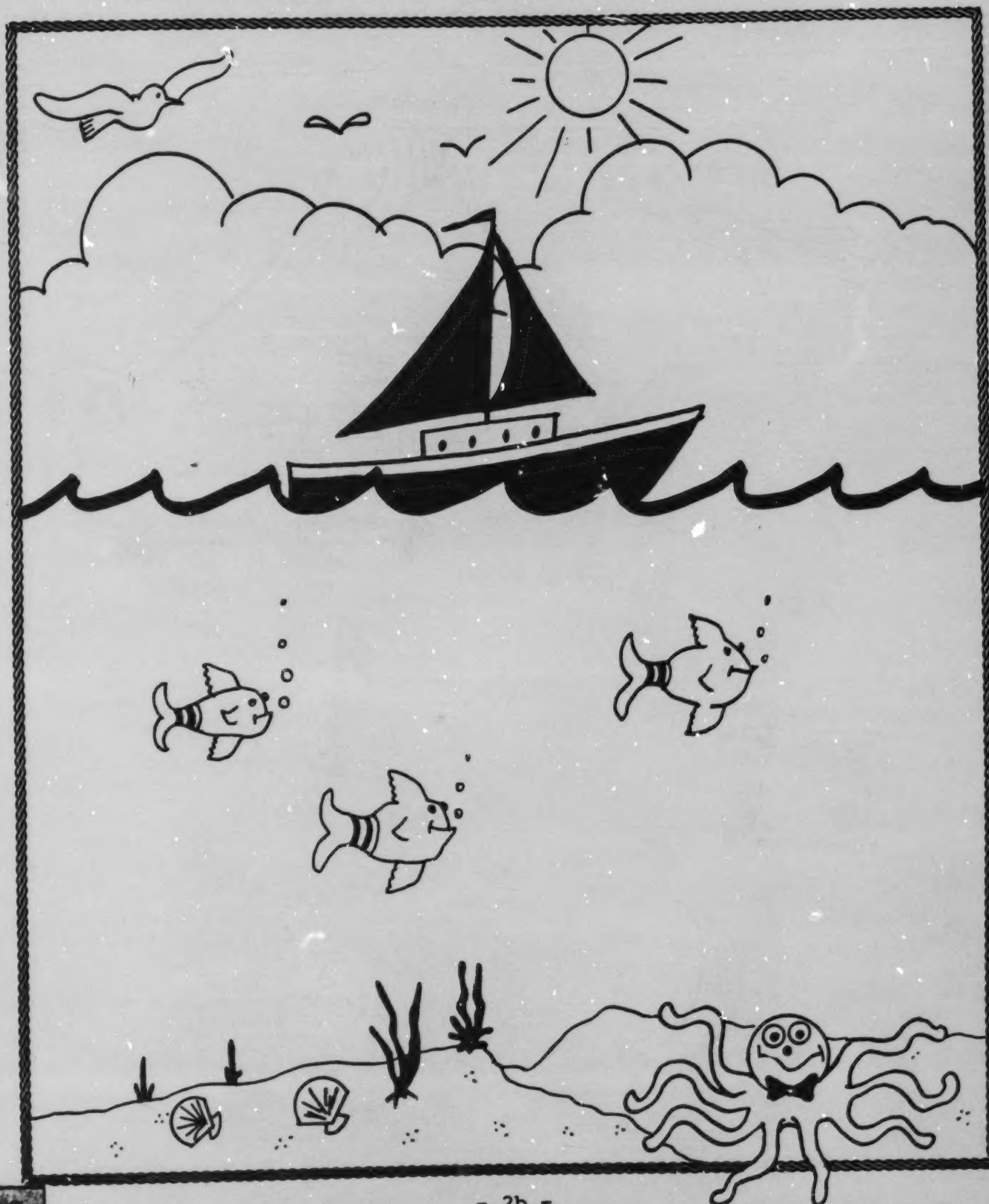
DATE: _____

Color the objects which can be found up in the sky.



NAME: _____ CLASS: _____ DATE: _____

Color the pictures above the boat yellow and blue.
Color the pictures below the boat green and red.

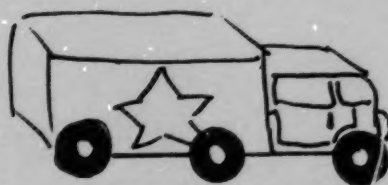
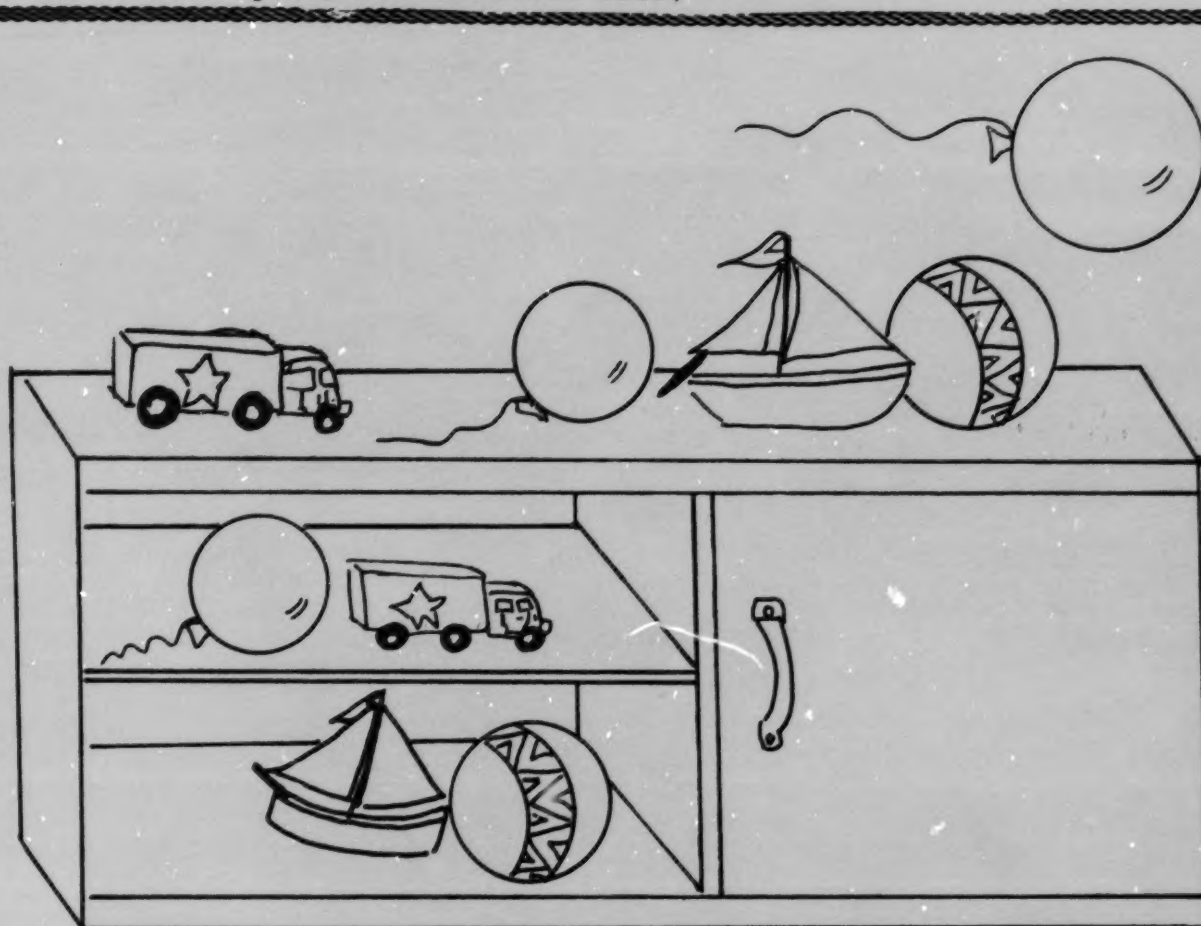


NAME: _____ CLASS: _____ DATE: _____

Color the objects on the top of the chest green.

Color the objects in the chest red.

Color the objects off the chest blue.



P.C. 1.01.01.04

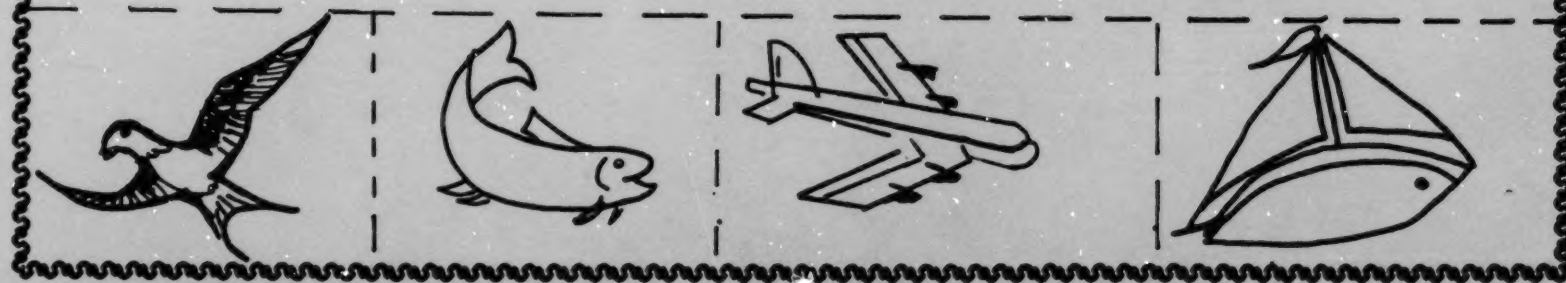
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CLASS:

DATE:

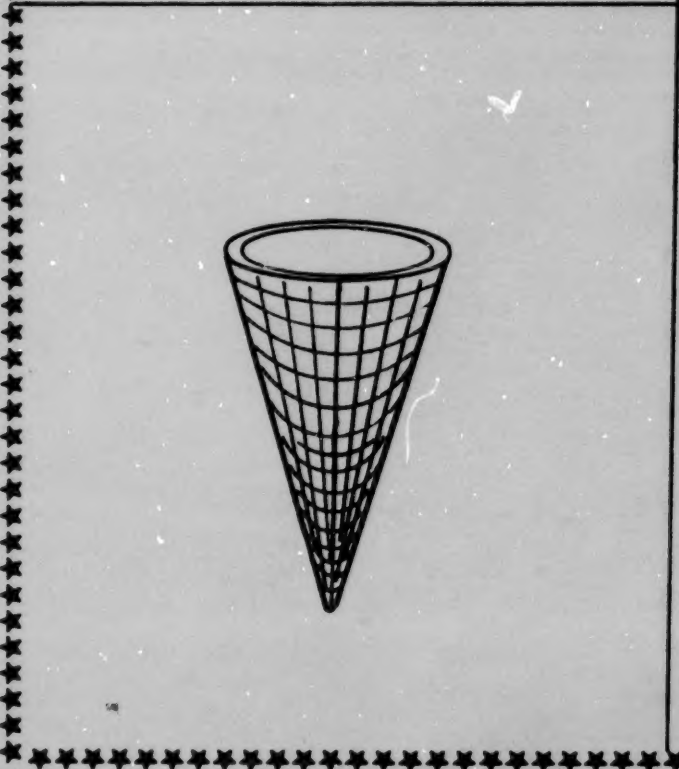
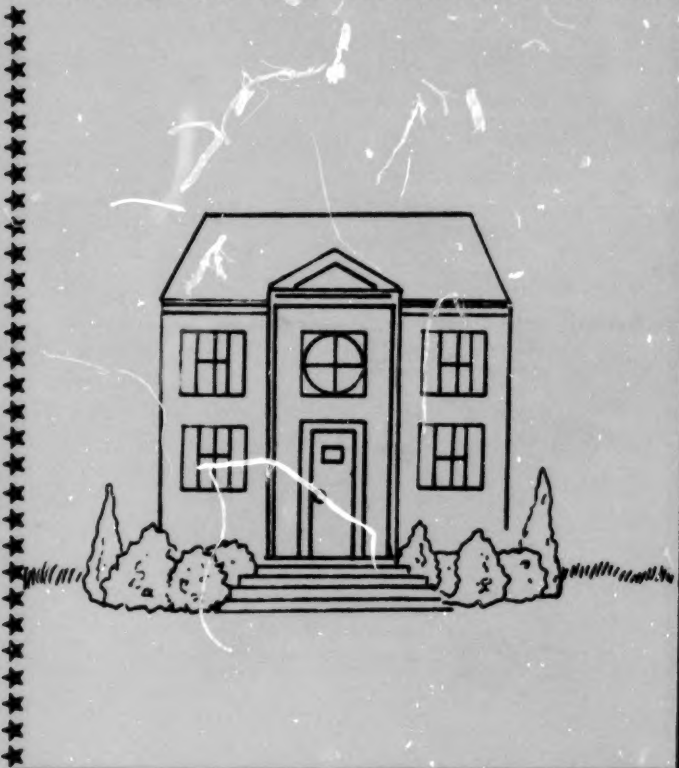
Cut out the pictures. Paste them where they belong.



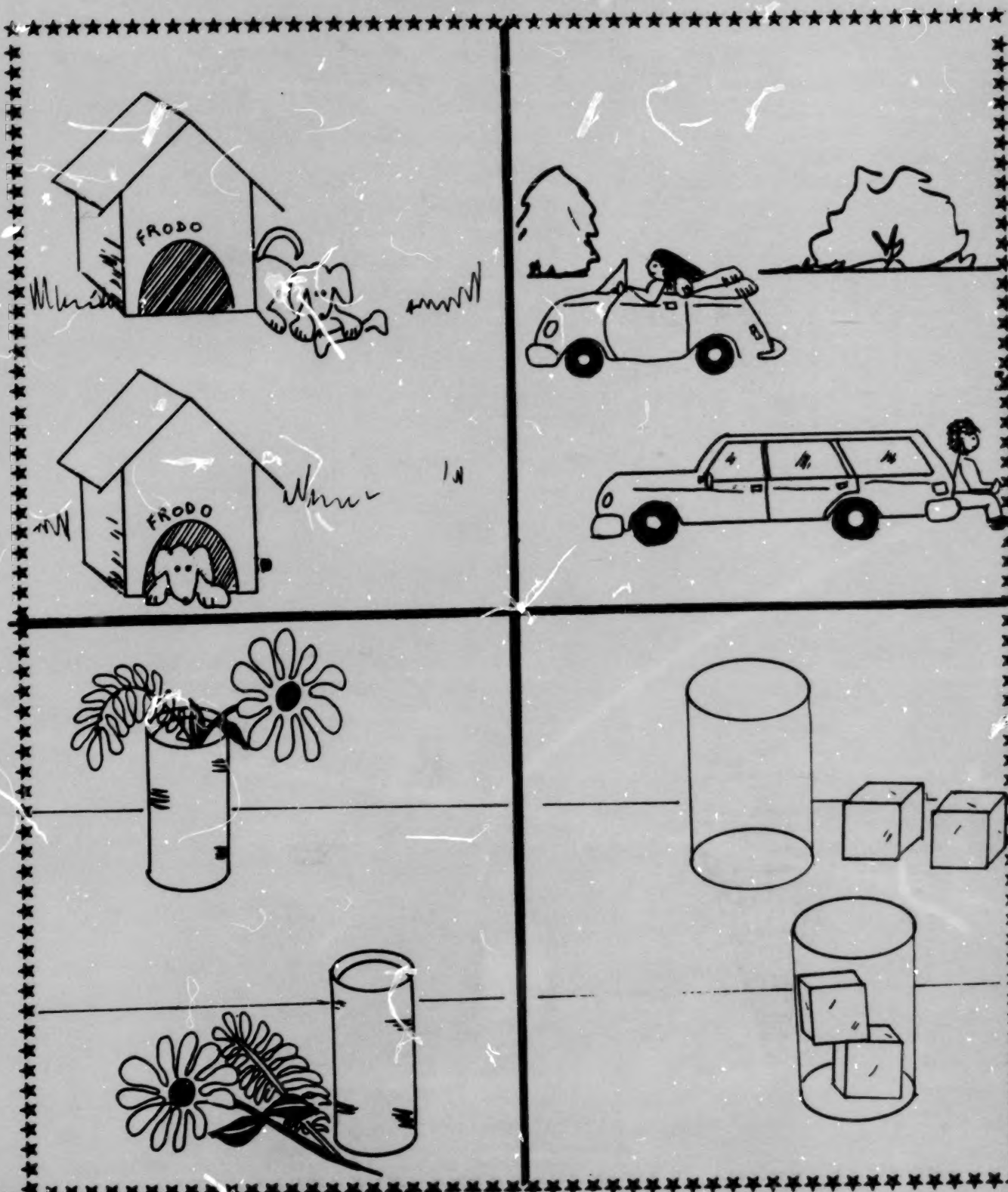
P.O. 1.01.01.05

NAME: _____ CLASS: _____ DATE: _____

- Draw a chimney on top of the house.
- Draw a flower at the bottom of the tree.
- Draw a scoop of ice cream on top of the cone.
- Draw a string on the bottom of the balloon.

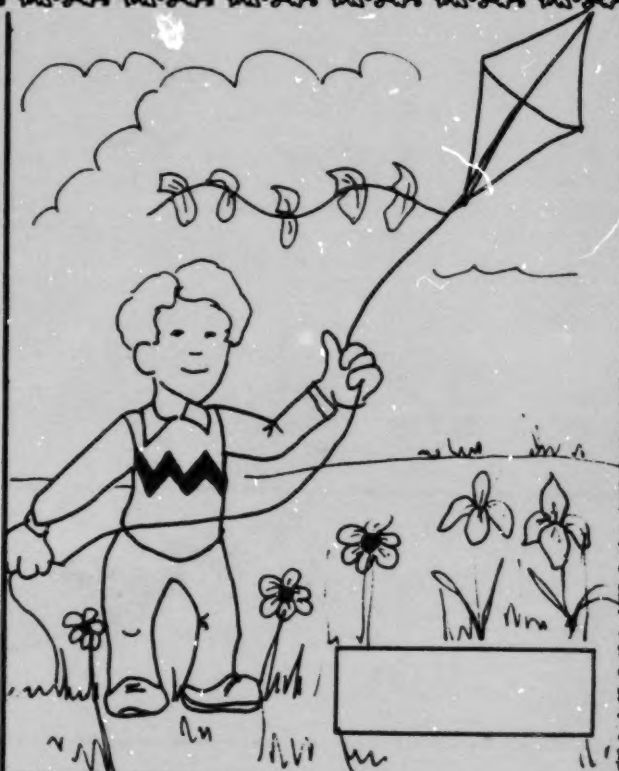


Draw a ring around the pictures which show something inside.



NAME: _____ CLASS: _____ DATE: _____

Write the name of the season that each picture shows.



NAME: _____

CLASS: _____

DATE: _____

Match the picture to the holiday it represents.



Columbus Day



Flag Day



George Washington's Birthday



Valentine's Day



Halloween



Thanksgiving

NAME: _____ CLASS: _____ DATE: _____

Fill in the blanks with the correct season.

Winter, Spring, Summer, Fall

It was winter.

It is spring.

It will be summer.



It was _____.

It is winter.

It will be _____.



It was _____.

It is summer.

It will be _____.



It was _____.

It is fall.

It will be _____.

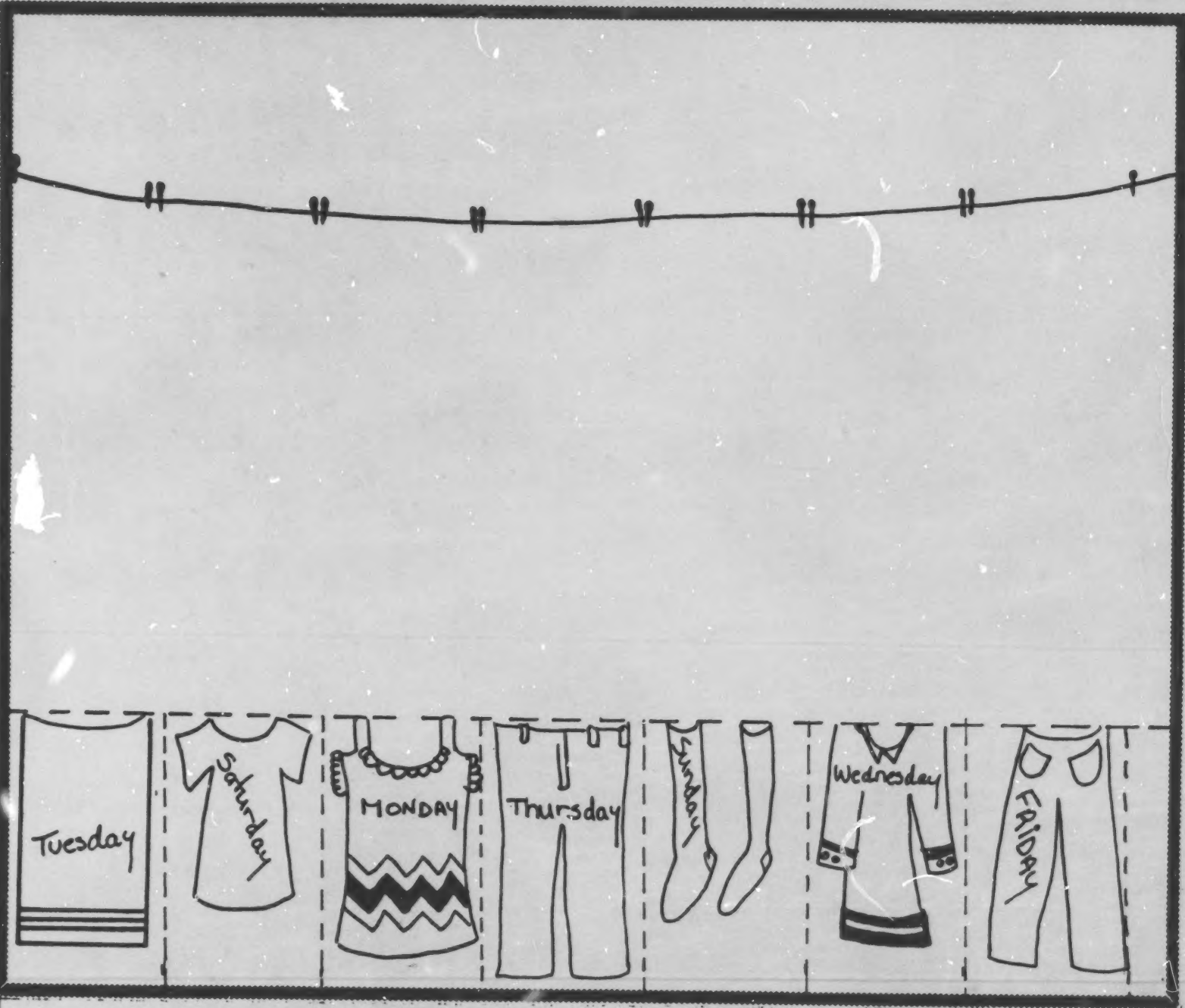


NAME: _____

CLASS: _____

DATE: _____

Cut out the week's wash clothes. Paste the clothes on the line in the order that they were washed.



NAME: _____ CLASS: _____ DATE: _____

Circle the correct answer.

Today is _____.

Sunday Monday Tuesday Wednesday
Thursday Friday Saturday

Yesterday was _____.

Sunday Monday Tuesday Wednesday
Thursday Friday Saturday

Tomorrow will be _____.

Sunday Monday Tuesday Wednesday
Thursday Friday Saturday

NAME: _____ CLASS: _____ DATE: _____

Circle the correct answer.

Today is Friday.

Tomorrow we do not go to school.

Tomorrow is _____.



Monday

Saturday

Thursday

Today is Sunday.

We went to the zoo.

Tomorrow is _____.

We will go to school.



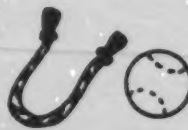
Tuesday

Saturday

Monday

Today is Saturday.

All I do is play.



Yesterday was _____.

In school I did stay.



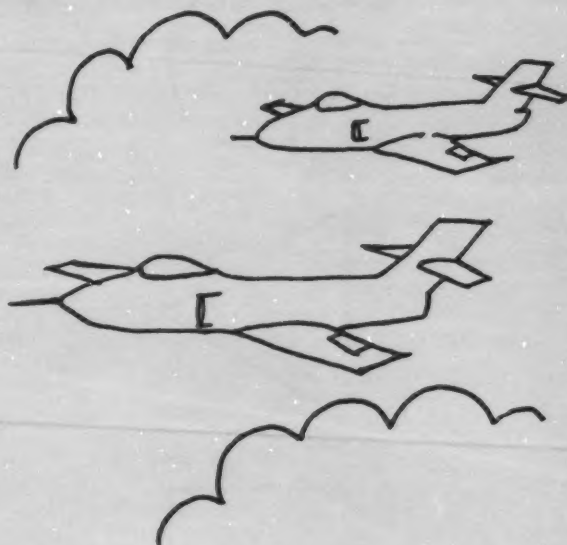
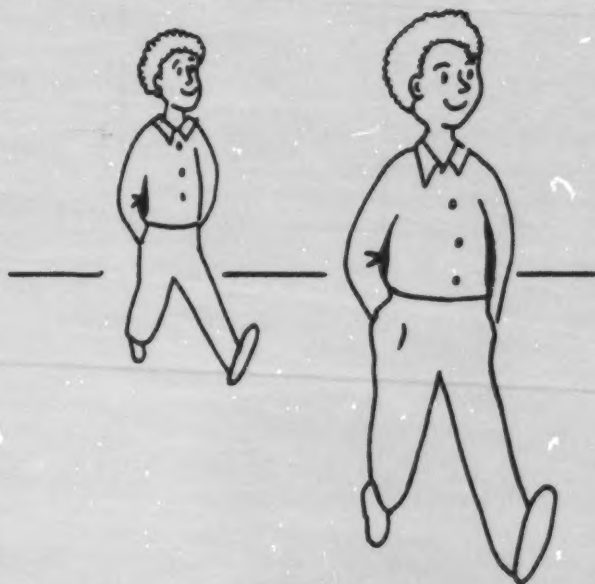
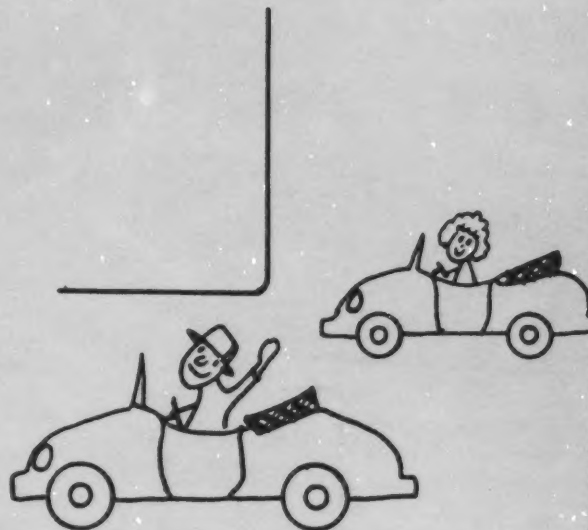
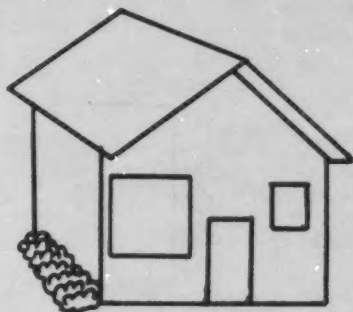
Monday

Friday

Sunday

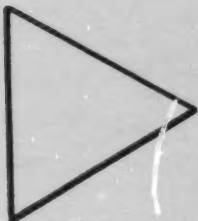
NAME: _____ CLASS: _____ DATE: _____

Color the one in front red.
Color the one behind blue.



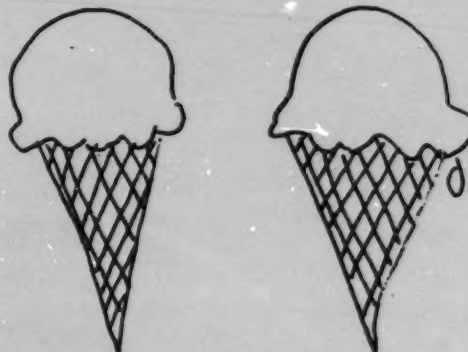
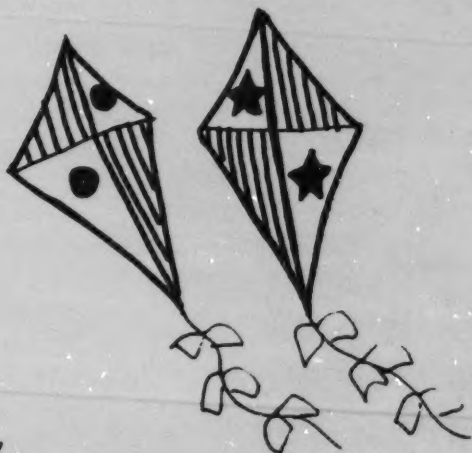
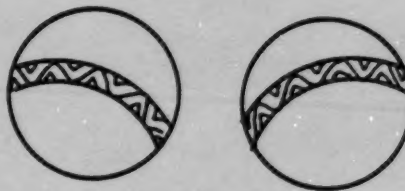
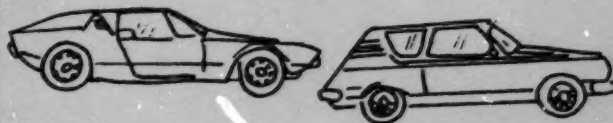
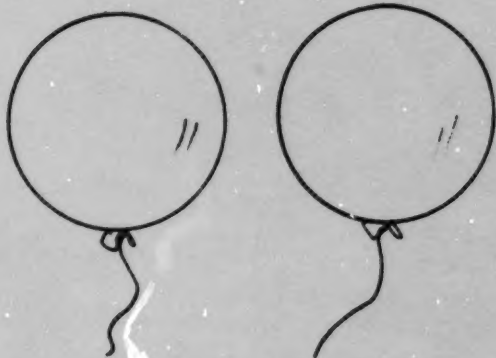
NAME: _____ CLASS: _____ DATE: _____

1. Draw a circle before the square.
2. Draw a circle after the square.
3. Draw a triangle between the circle and the square.
4. Color the shape next to the circle.

3  	1 
4   	2 

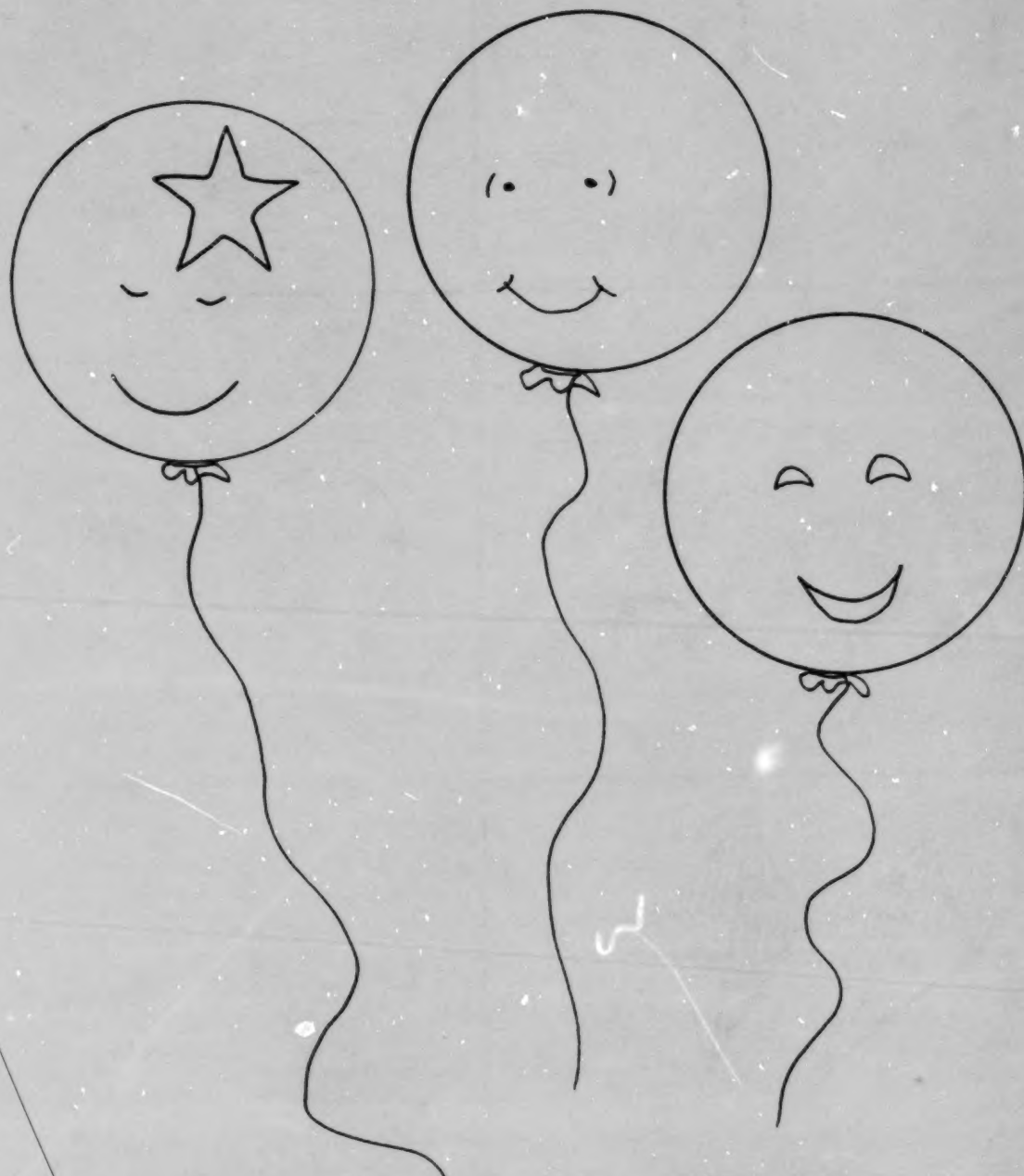
NAME: _____ CLASS: _____ DATE: _____

Put an X on the object on the left.
Color the object on the right.



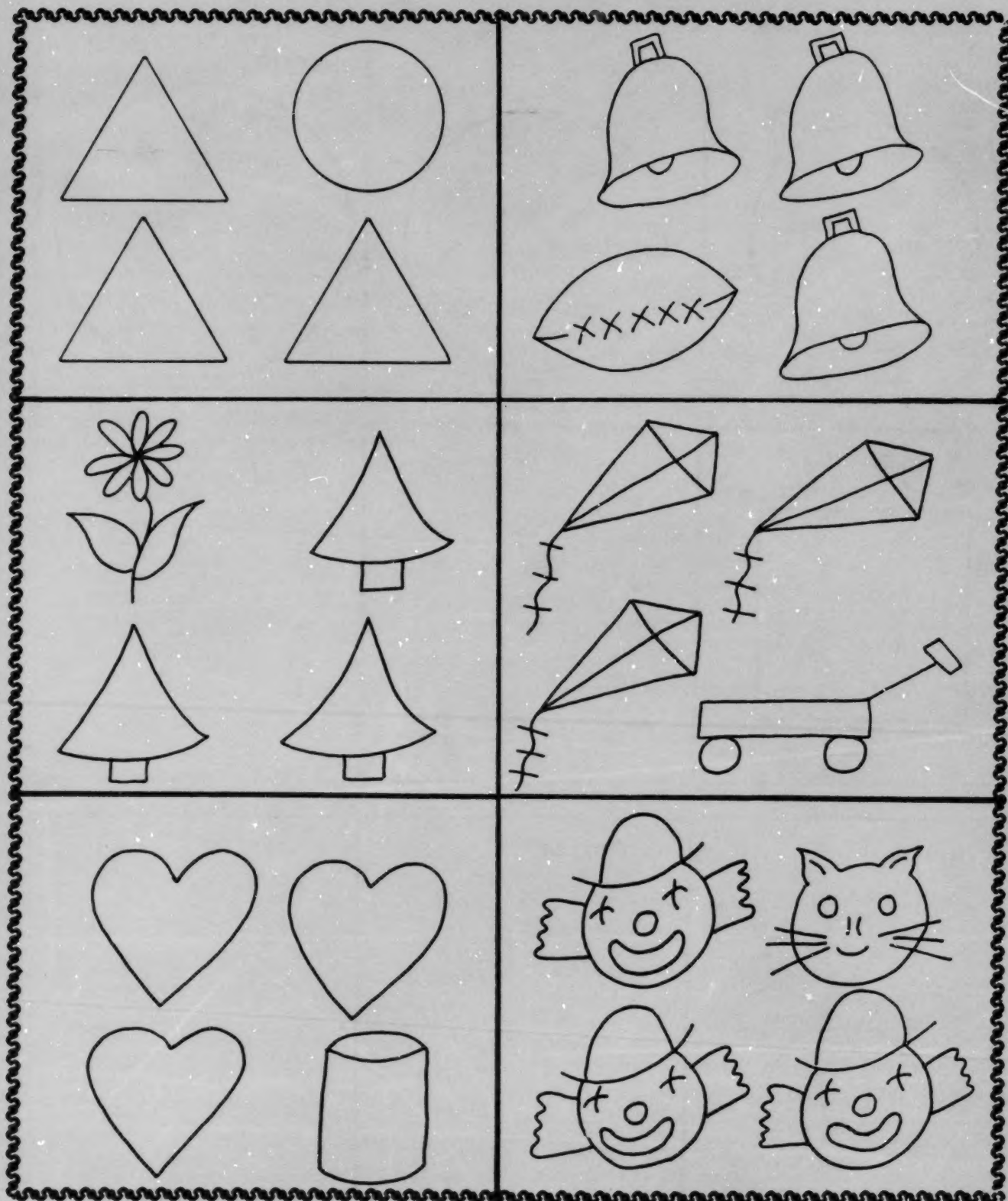
NAME: _____ CLASS: _____ DATE: _____

Start at the star. Color the first balloon blue. Color the middle balloon yellow. Color the last balloon green.



NAME: _____ CLASS: _____ DATE: _____

Put an X on the object which is different from the others.



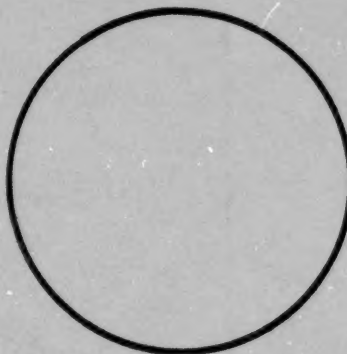
NAME: _____ CLASS: _____ DATE: _____

Read the words. Draw pictures of the correct size.

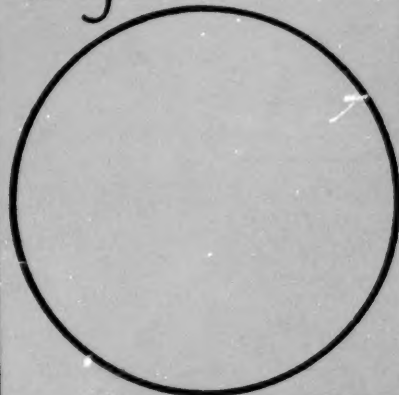
large



larger



largest



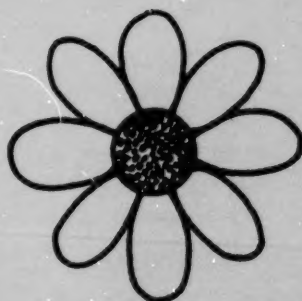
large



larger

largest

large



larger

largest

P.O. _____

NAME: _____

CLASS: _____

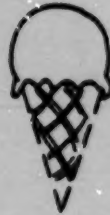
DATE: _____

Read the words in each box.
Make flowers. Make hats.

small



smaller



smallest



small

smaller



smallest

small

smaller

smallest

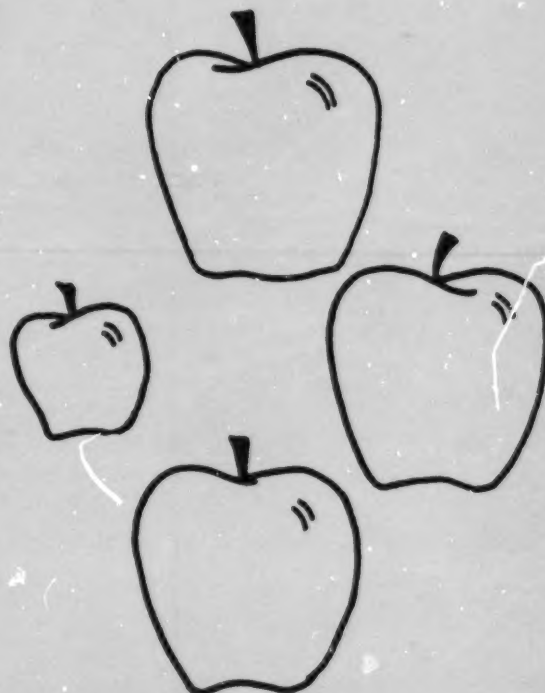
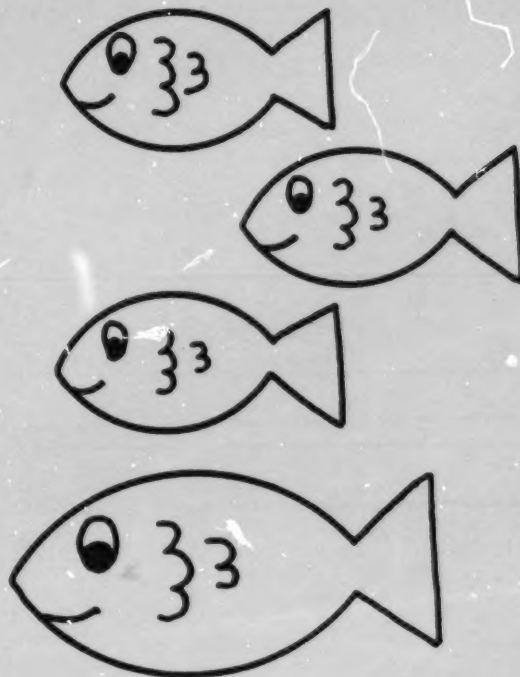
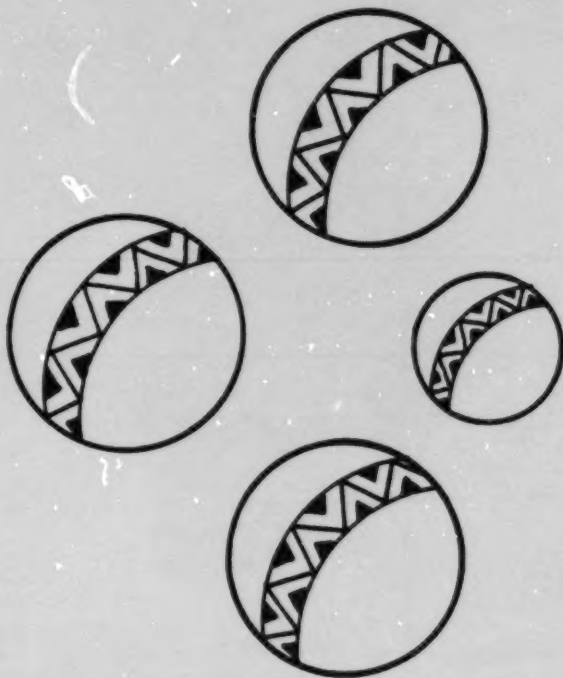


NAME: _____

CLASS: _____

DATE: _____

Put an X on the object which is different.
Tell why it is different.

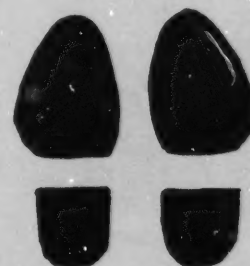


Circle the correct answer.

Which  belongs to Father?



Which  belong to a little boy?

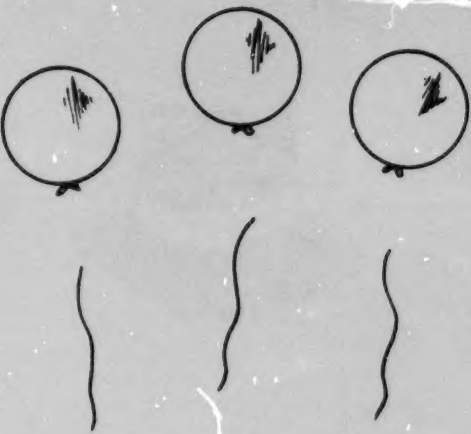
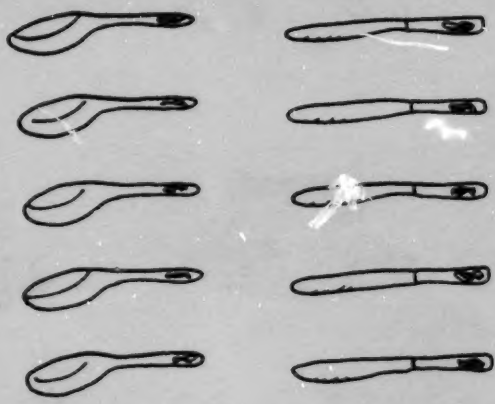
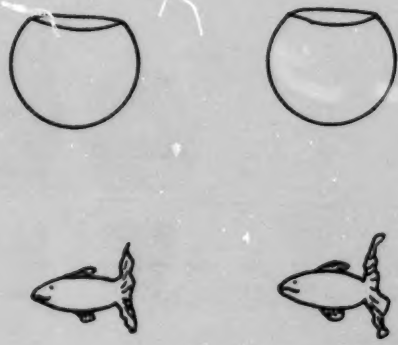
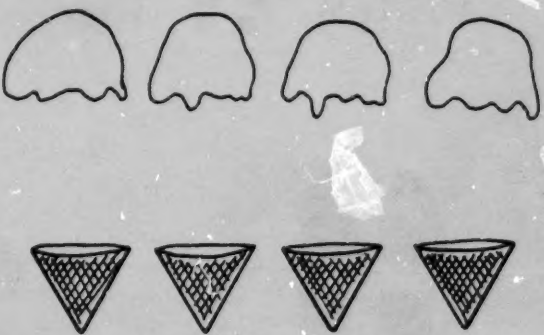
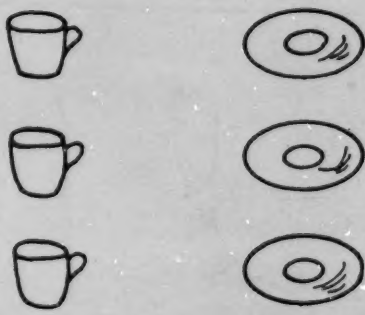
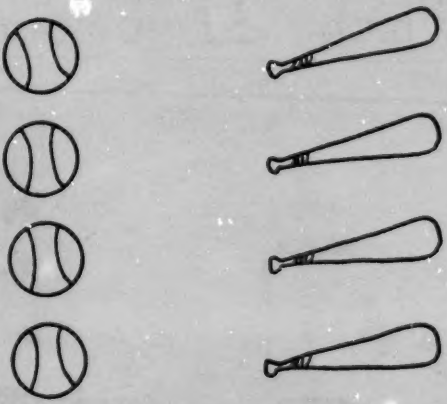


Which  belongs to Mother?



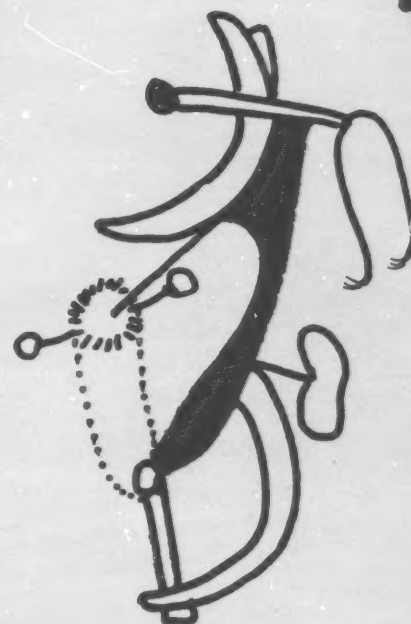
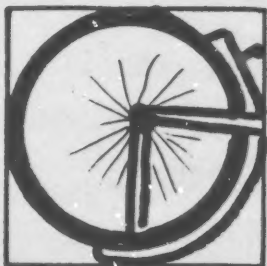
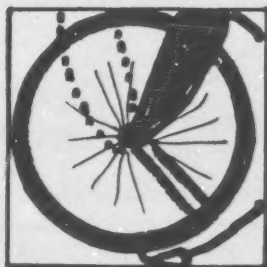
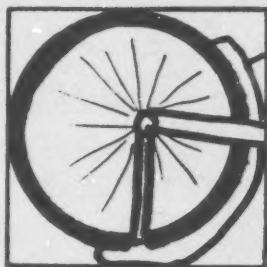
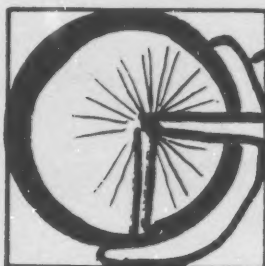
NAME: _____ CLASS: _____ DATE: _____

Draw a line to match sets.

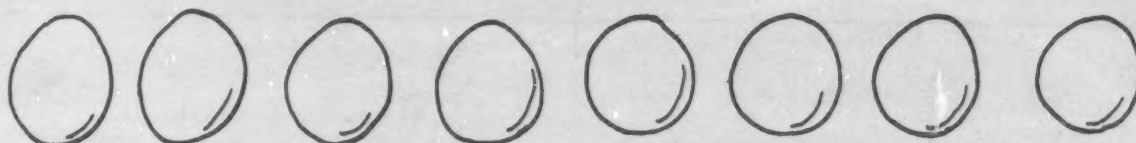
	
	
	

NAME: _____ CLASS: _____ DATE: _____

Paste 2 wheels on each bicycle.



Match the buttons to the shirt.
Match the eggs to the carton.

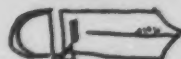
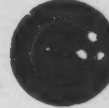


NAME: _____ CLASS: _____ DATE: _____

Put an X on the set in each box.

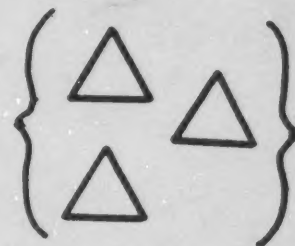
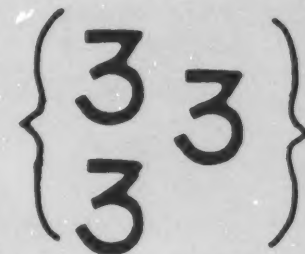
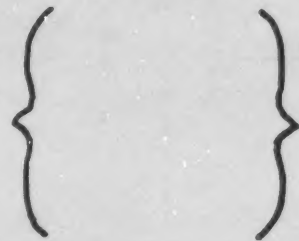
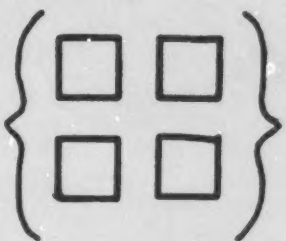
NAME: _____ CLASS: _____ DATE: _____

Circle the object which belongs in each set.

{ , , , — }  	{ , , , — }  
{ , , , — }  	{ , , , — }  
{ , , , — }  	{ , , , — }  
{ , , , — }  	{ , , , — }  

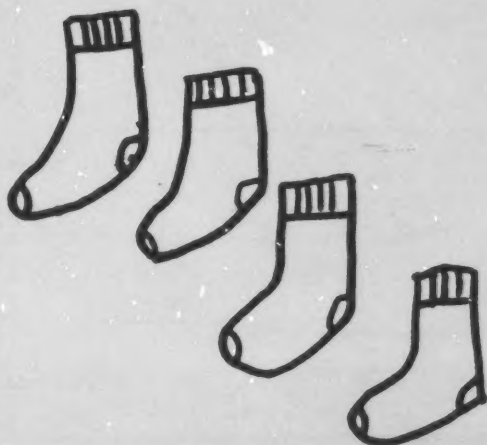
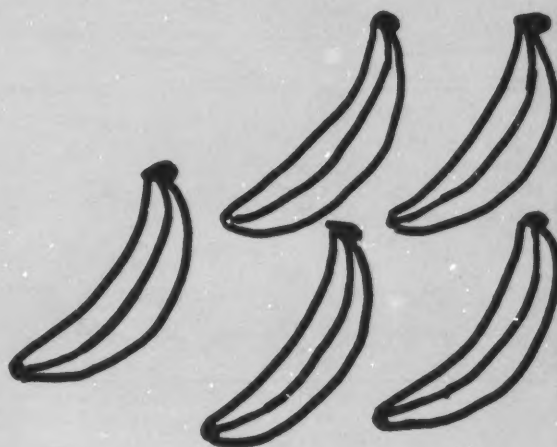
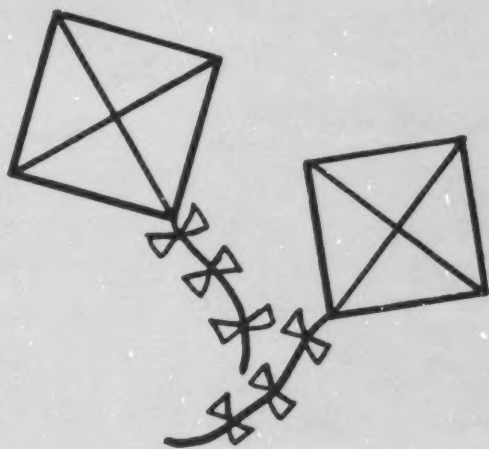
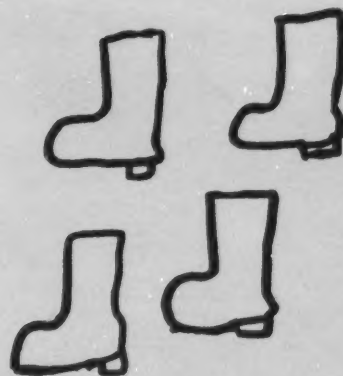
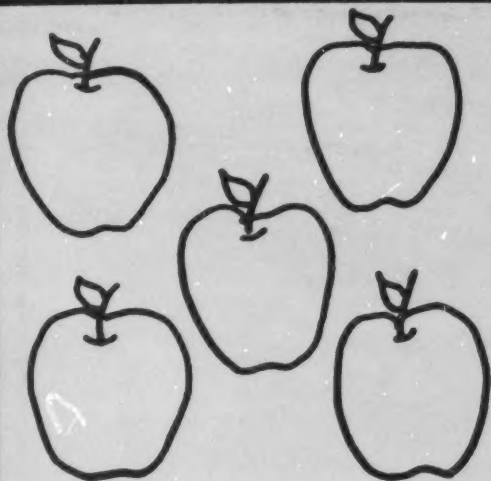
NAME: _____ CLASS: _____ DATE: _____

Put an X on the empty set.



NAME: _____ CLASS: _____ DATE: _____

Match the groups with the same number of objects.



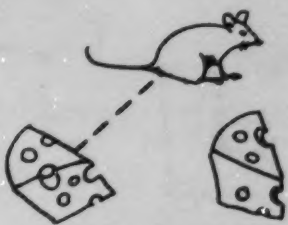
P.O. _____

NAME: _____

CLASS: _____

DATE: _____

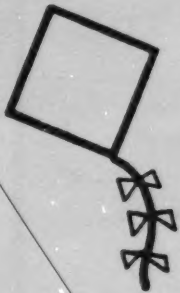
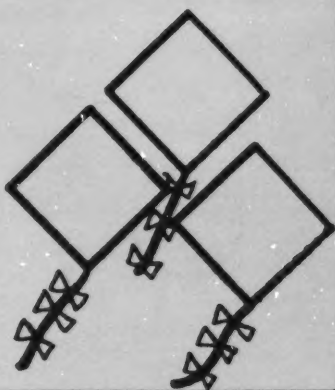
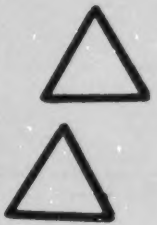
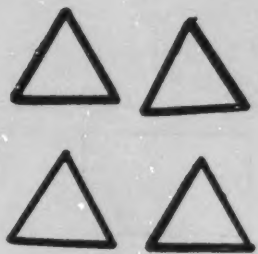
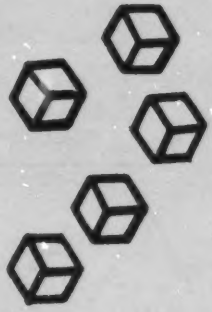
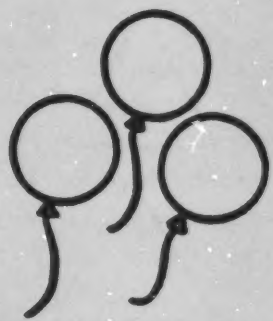
Match each mouse to a piece of cheese.
Color the group that shows more.

P.O. _____

NAME: _____ CLASS: _____ DATE: _____

Circle the group with fewer objects.

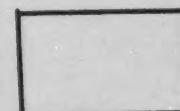
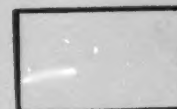
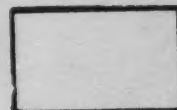
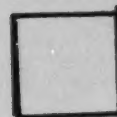
P.O. _____

NAME: _____

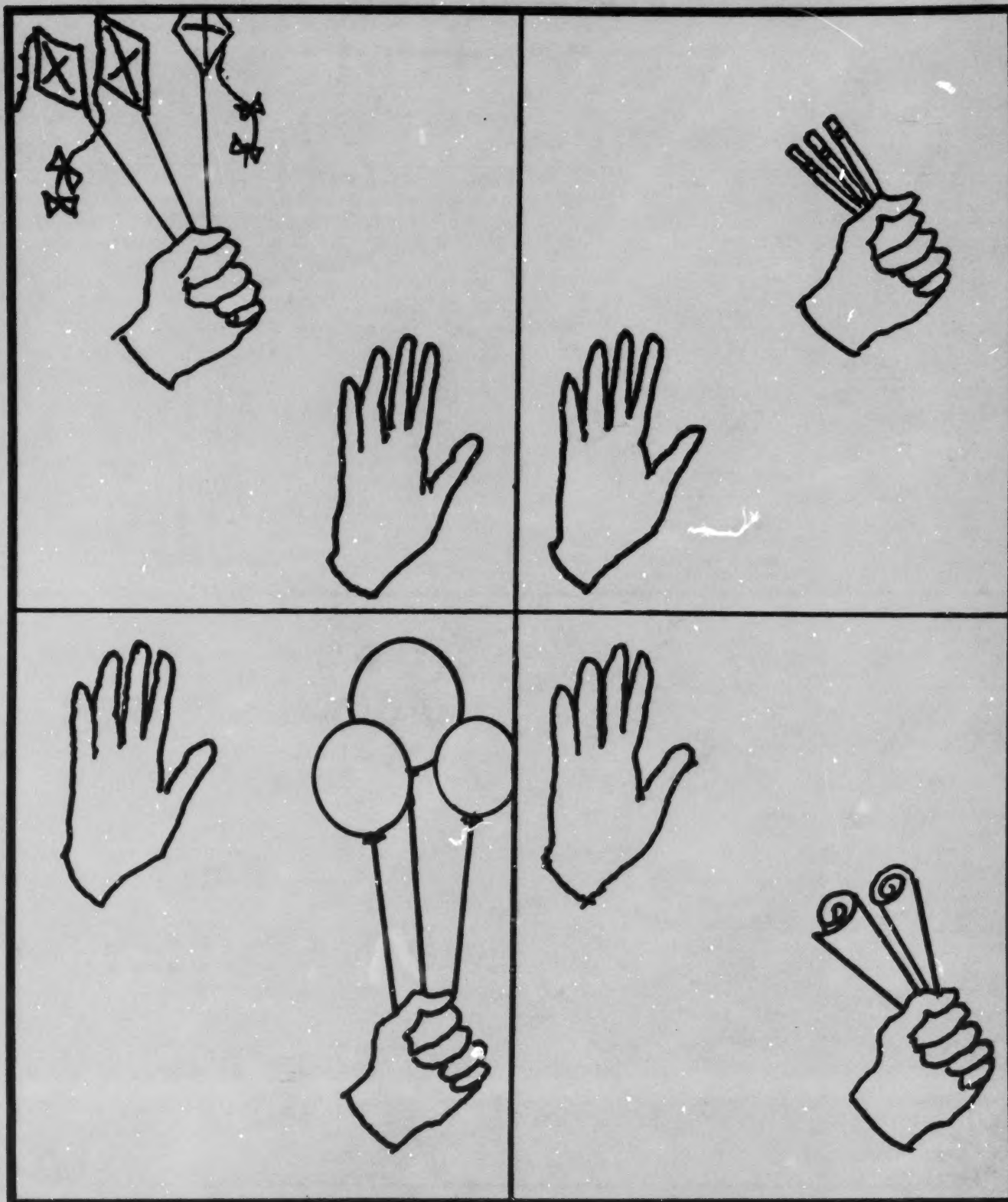
CLASS: _____

DATE: _____

Color the group that has more.
Circle the group that has fewer.



Circle the hand which is holding all the objects.

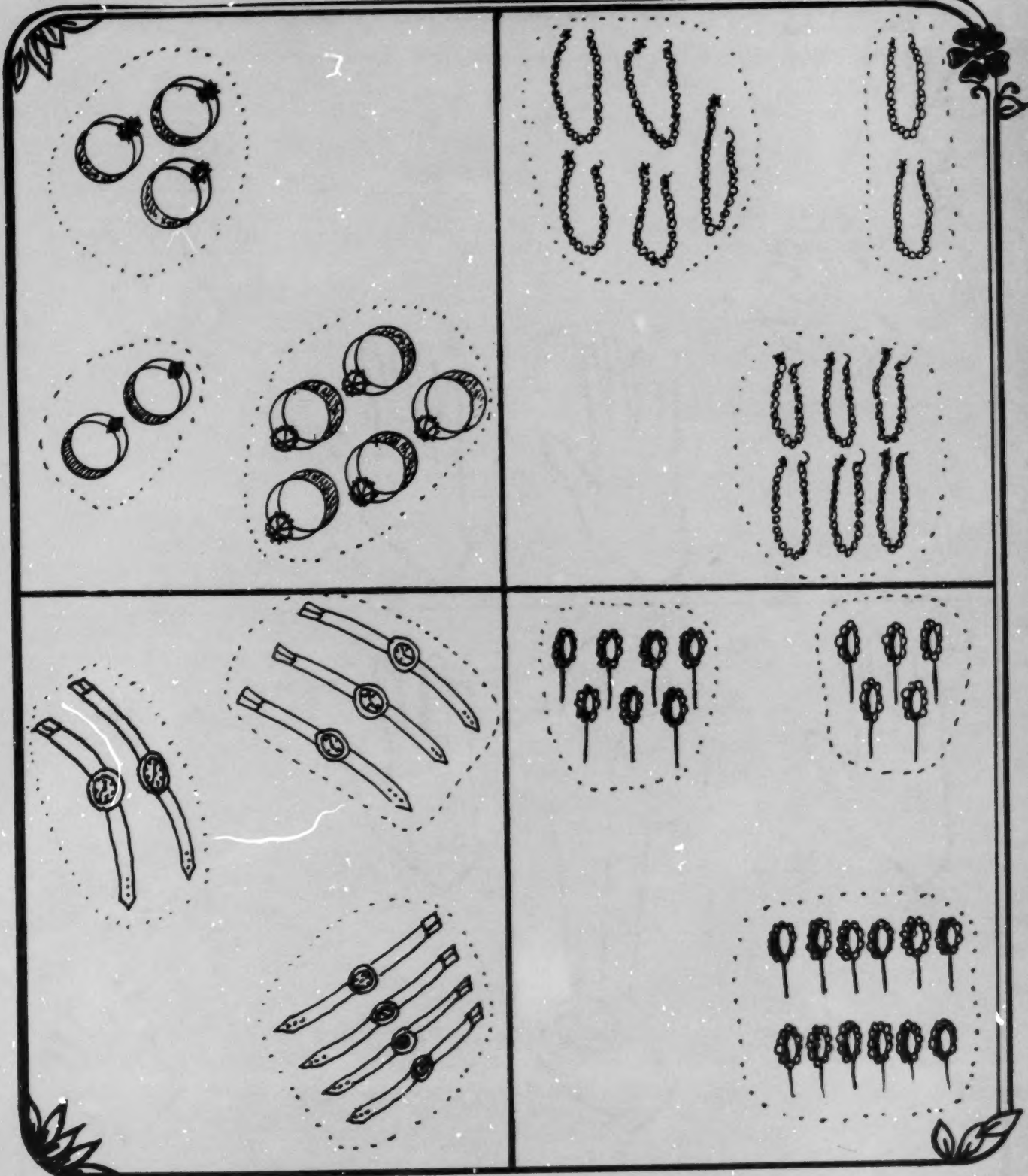


NAME: _____

CLASS: _____

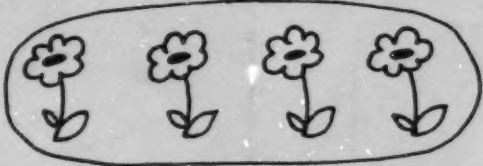
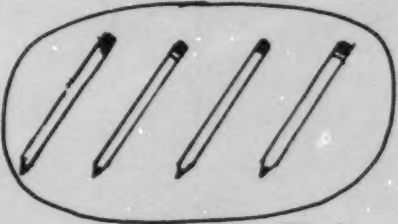
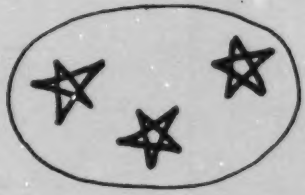
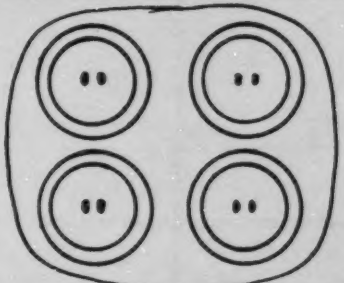
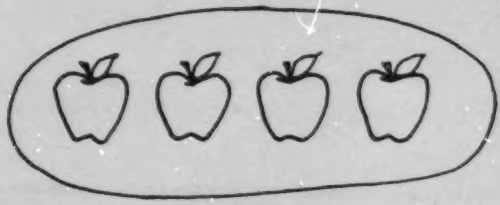
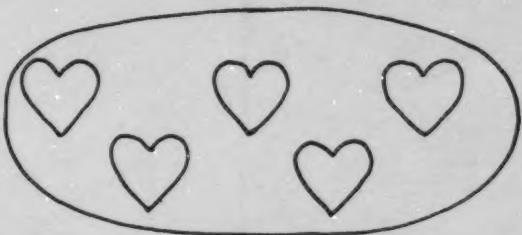
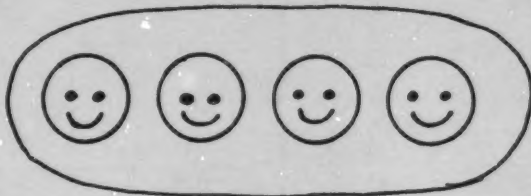
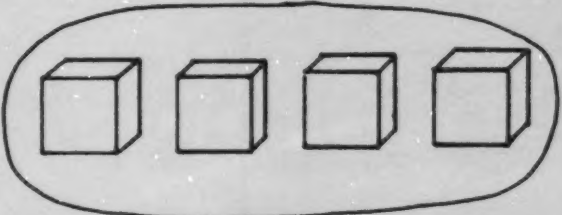
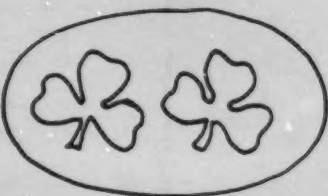
DATE: _____

Use your red crayon to color the group with the most.
Use your blue crayon to color the group with the least.



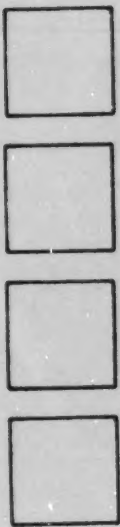
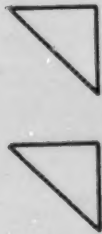
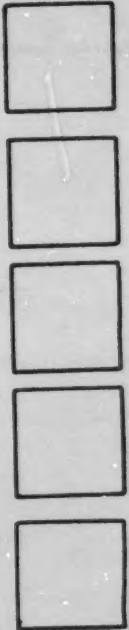
NAME: _____ CLASS: _____ DATE: _____

Color the groups which have the same number of objects as the group at the top.

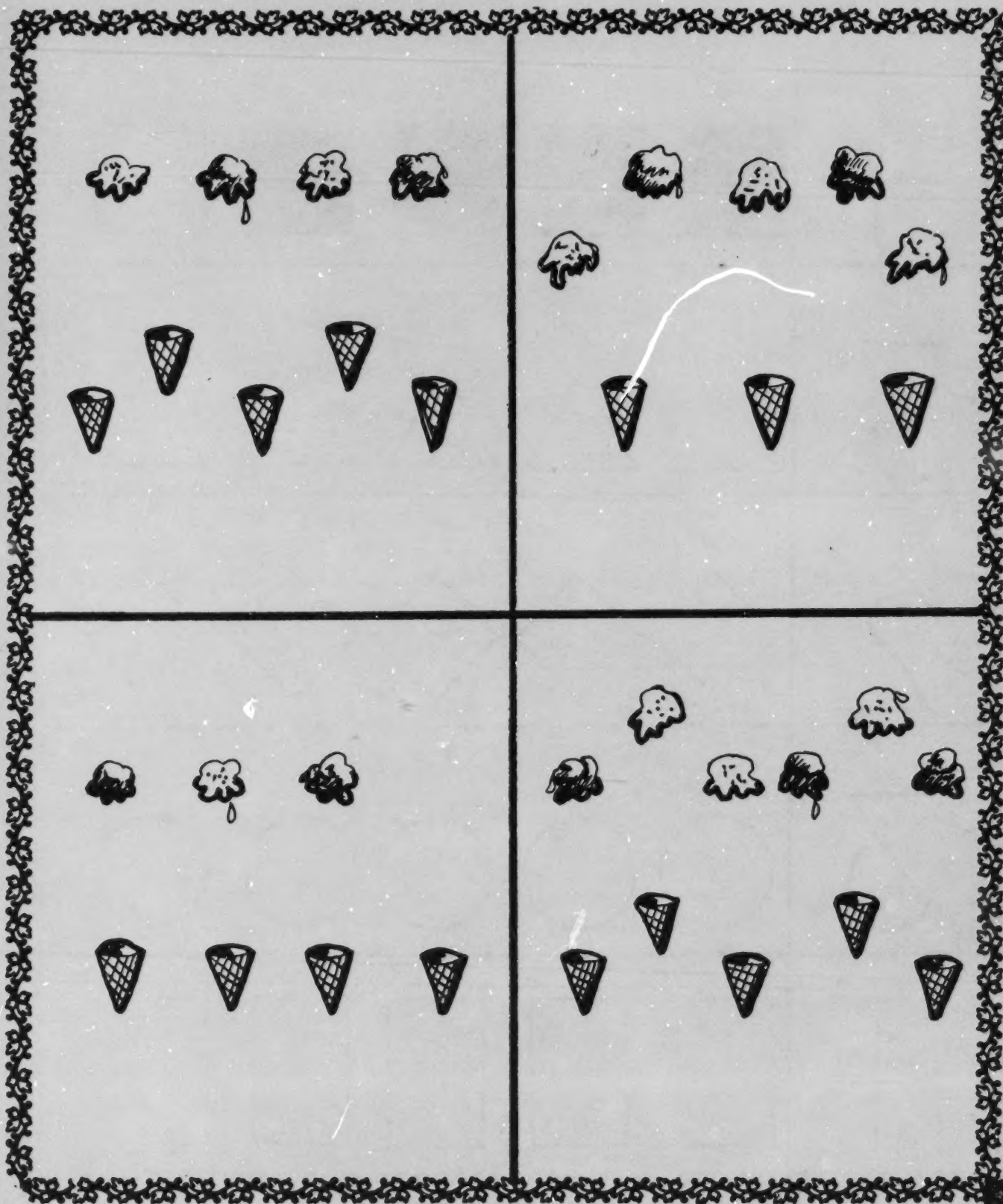
NAME: _____ CLASS: _____ DATE: _____

Use your red crayon to color the group with more.
Use your blue crayon to color the group with less.

4. 	3. 	2. 	1. 
			

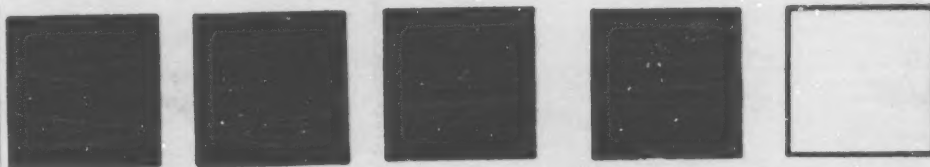
NAME: _____ CLASS: _____ DATE: _____

Match the ice cream to the cones.
Color the extra ones.



Color the number of shapes each numeral names.

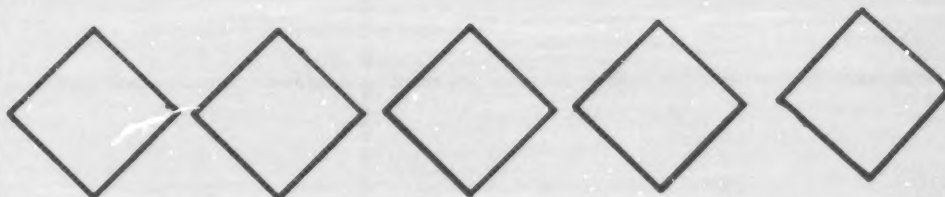
4



5



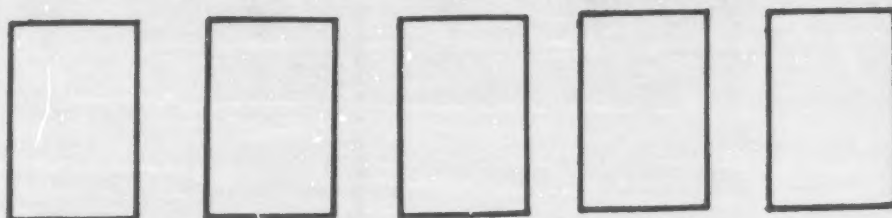
2



3

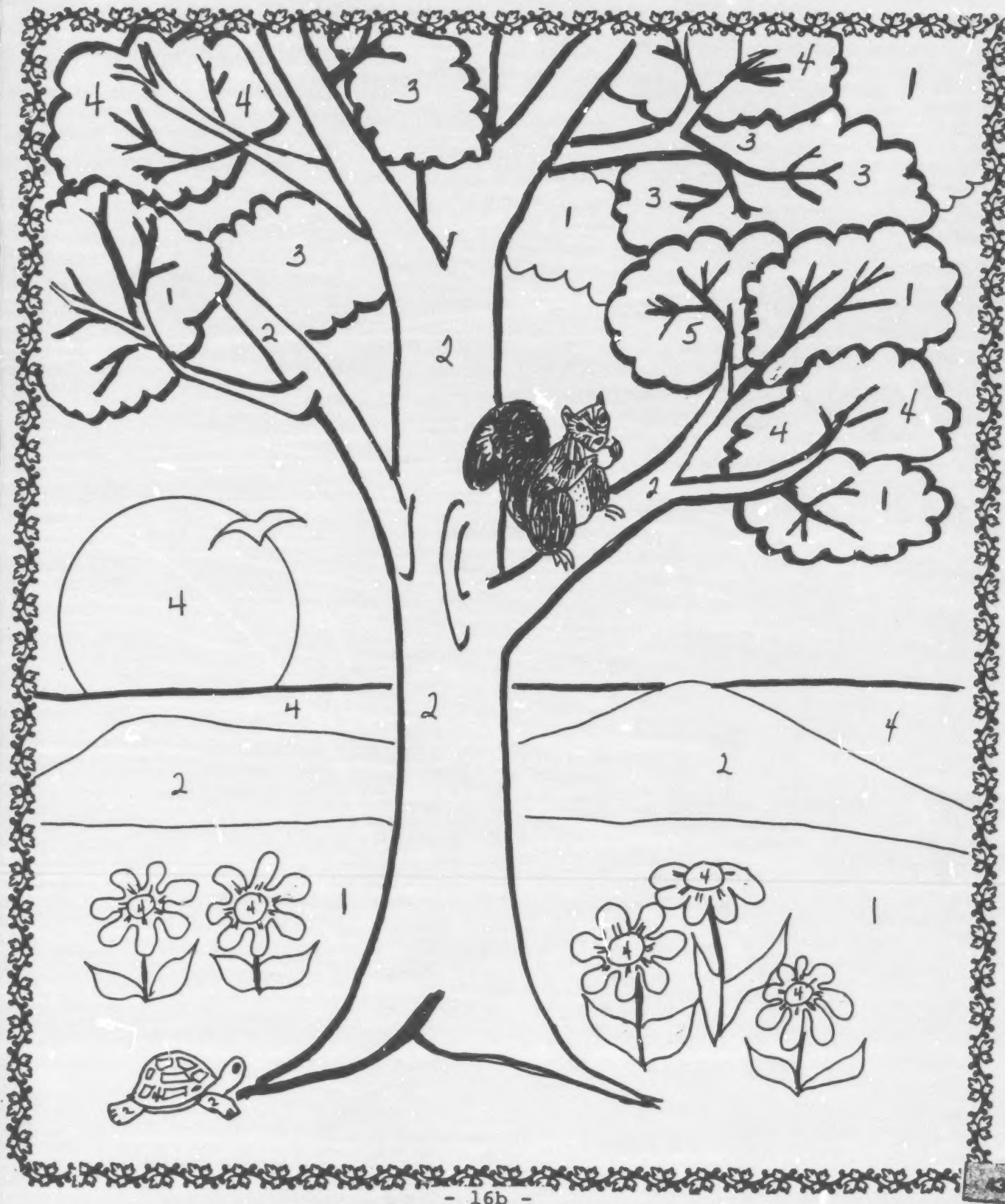


1



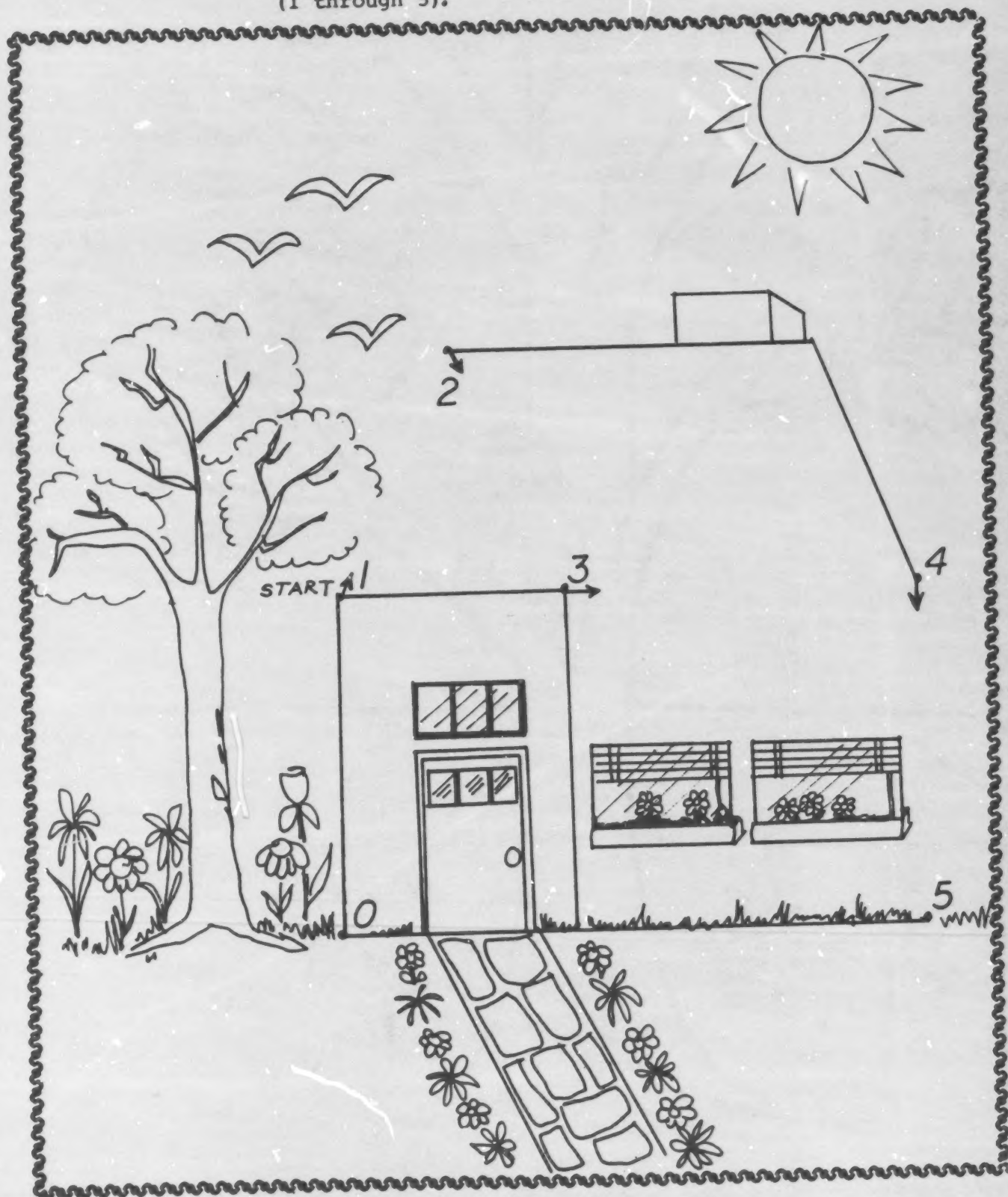
NAME: _____ CLASS: _____ DATE: _____

Color 1 green; 2 brown; 3 orange; 4 yellow and 5 red.



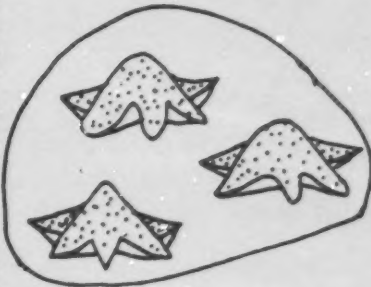
NAME: _____ CLASS: _____ DATE: _____

Connect the dots in correct counting order
(1 through 5).

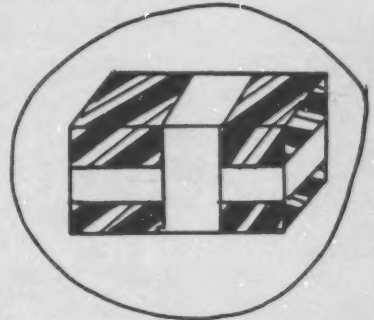


NAME: _____ CLASS: _____ DATE: _____

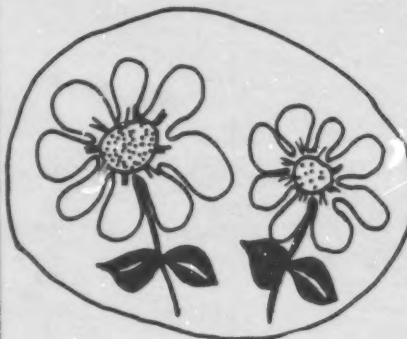
Write the number of objects you see in each group.

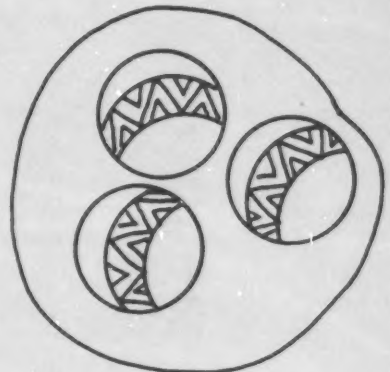




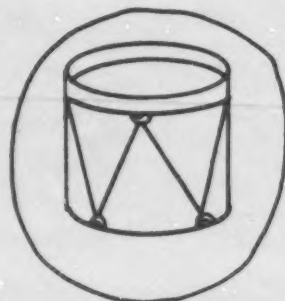


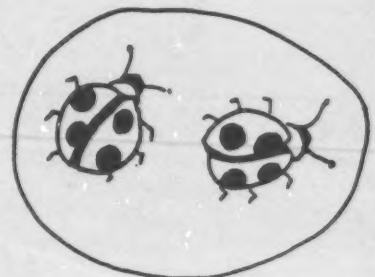




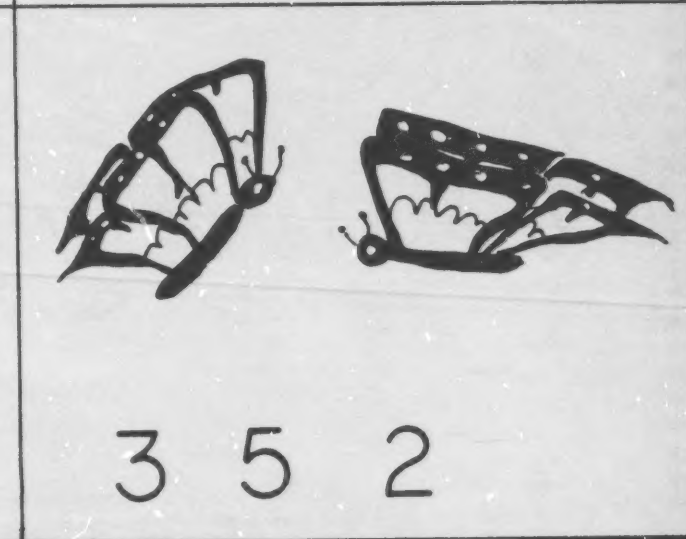
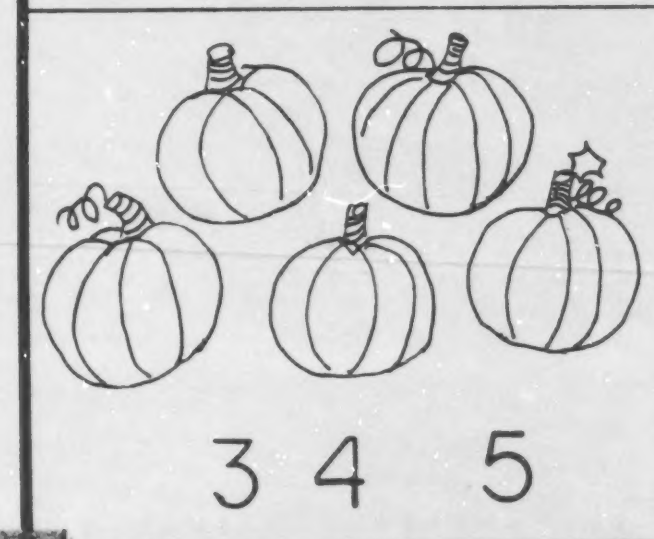
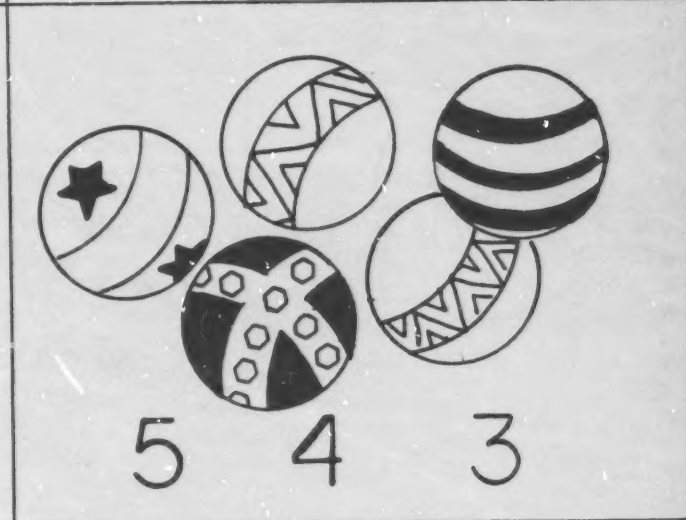
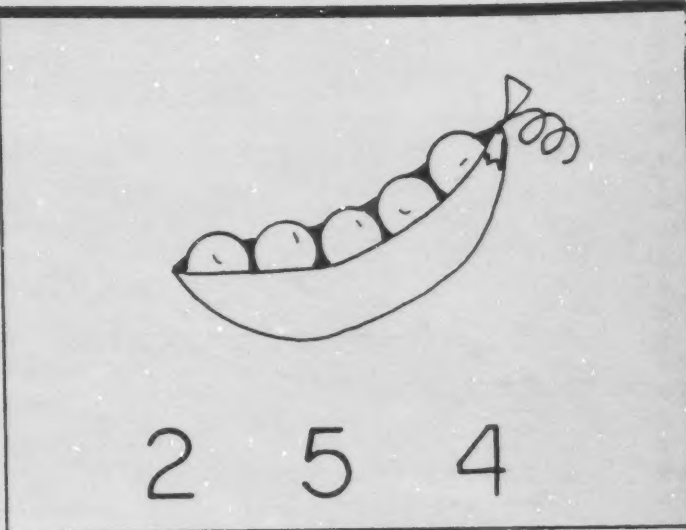
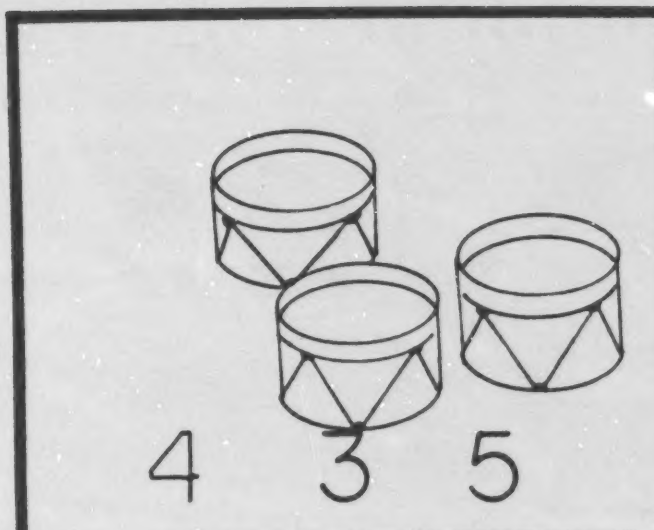








Circle the number that tells how many objects are shown in each box.



NAME: _____ CLASS: _____ DATE: _____

Write the numeral and trace the number word for each group of objects.



5

five



one



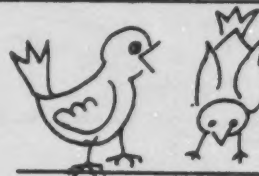
four



five



three



two



five



one

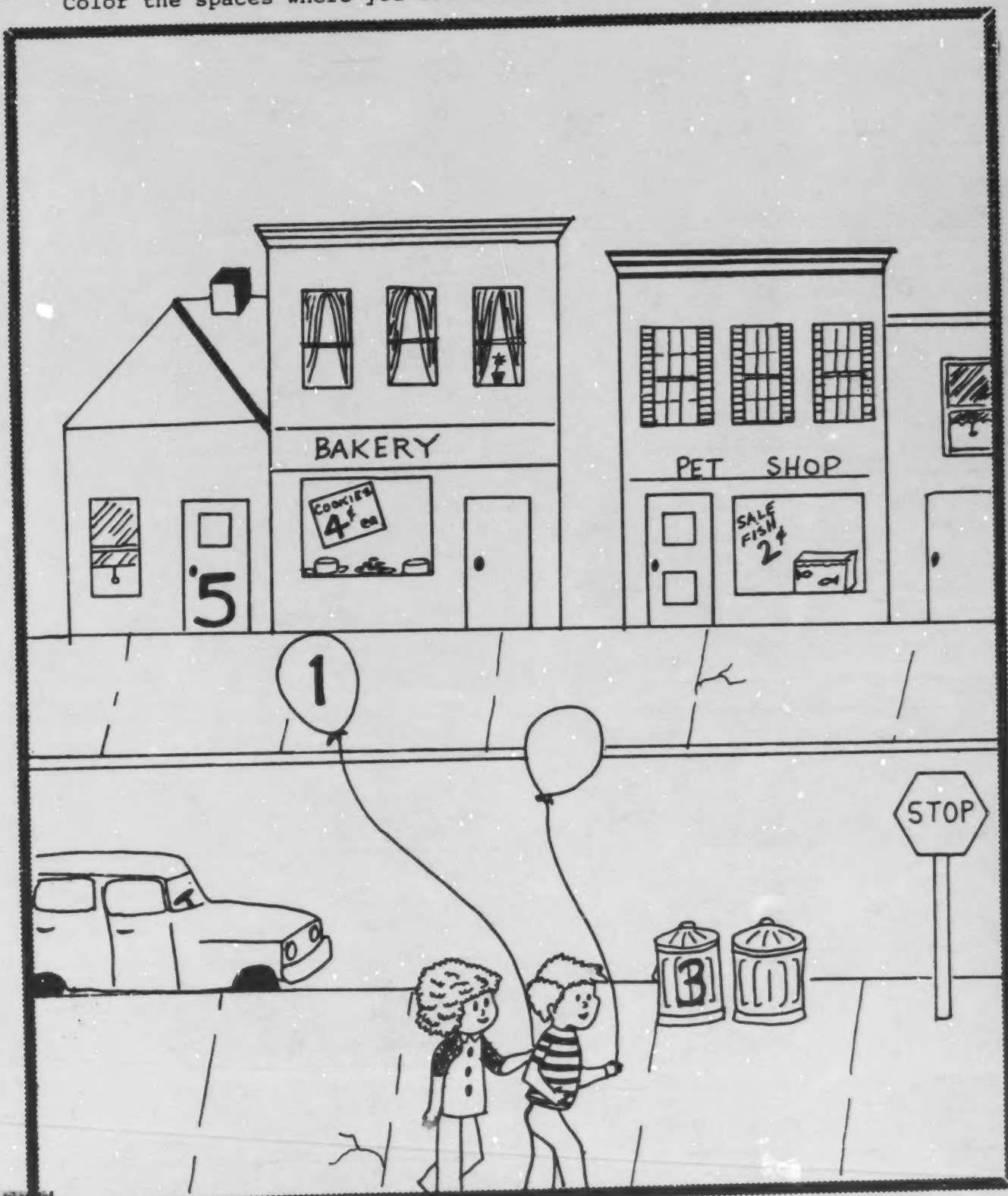


four



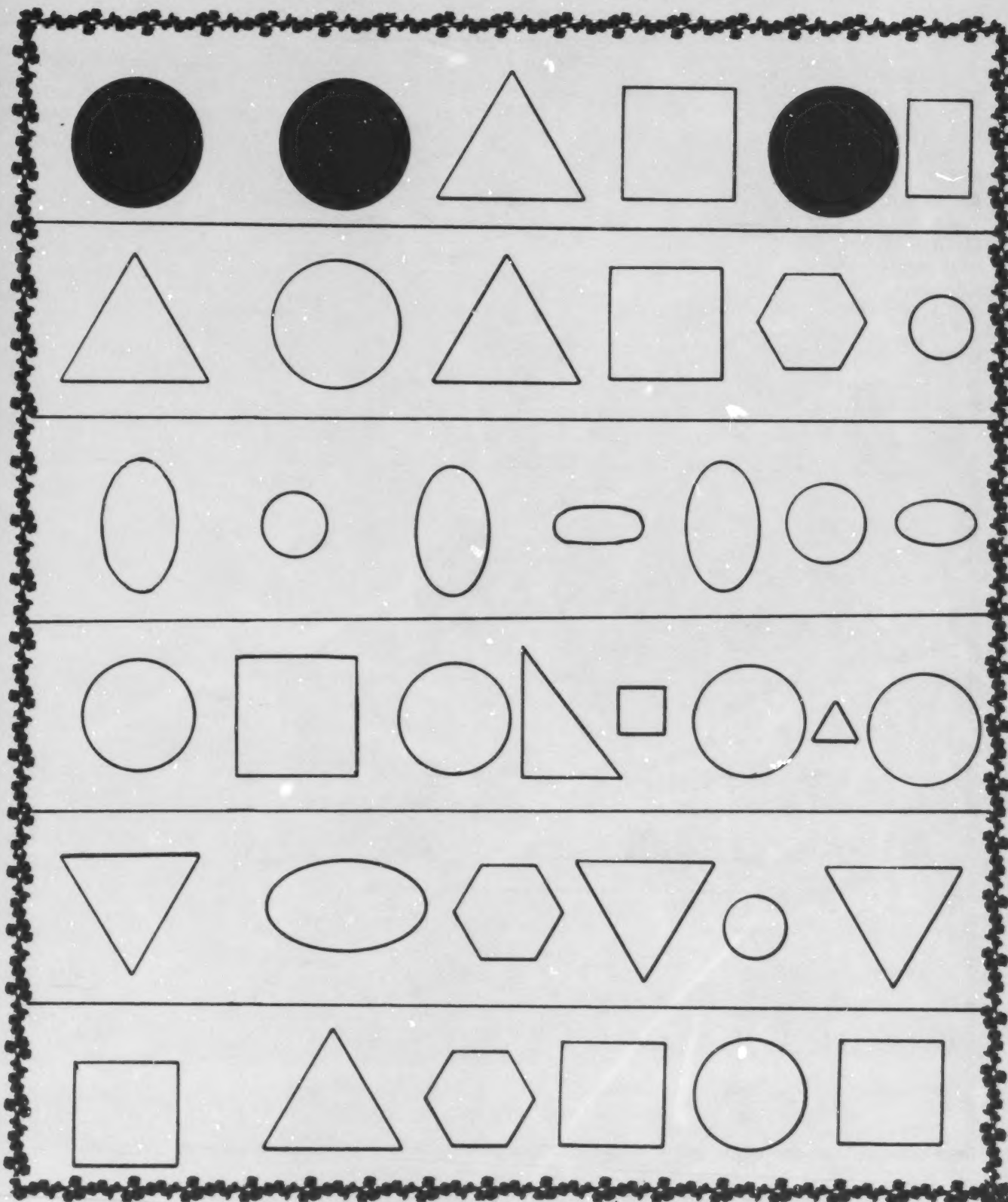
three

Color the spaces where you see the numerals 1, 2, 3, 4 and 5.

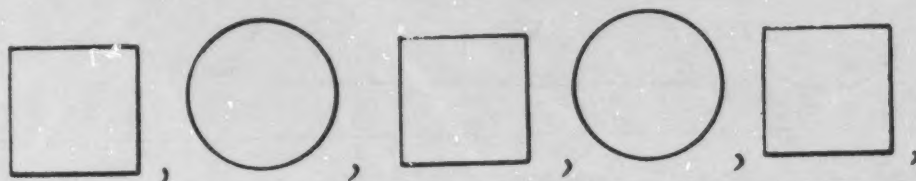
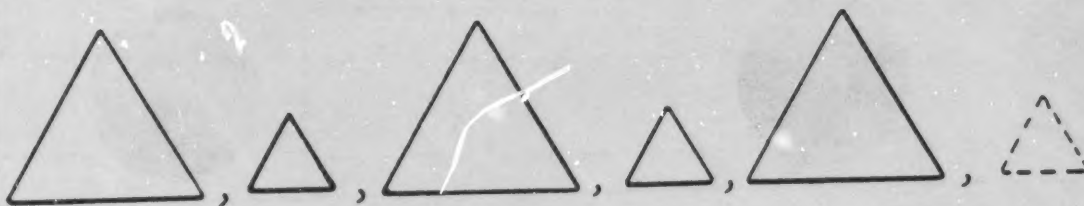


NAME: _____ CLASS: _____ DATE: _____

Color the objects which have the same size and shape.

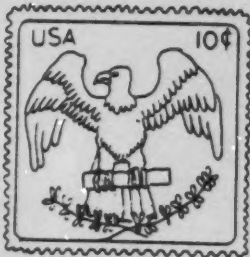
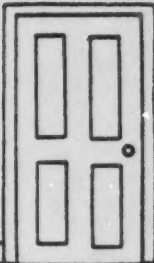
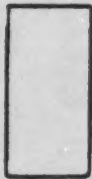


Draw the shape that comes next.



NAME: _____ CLASS: _____ DATE: _____

Circle the shape that is like the shape in the first column.

NAME: _____

CLASS: _____

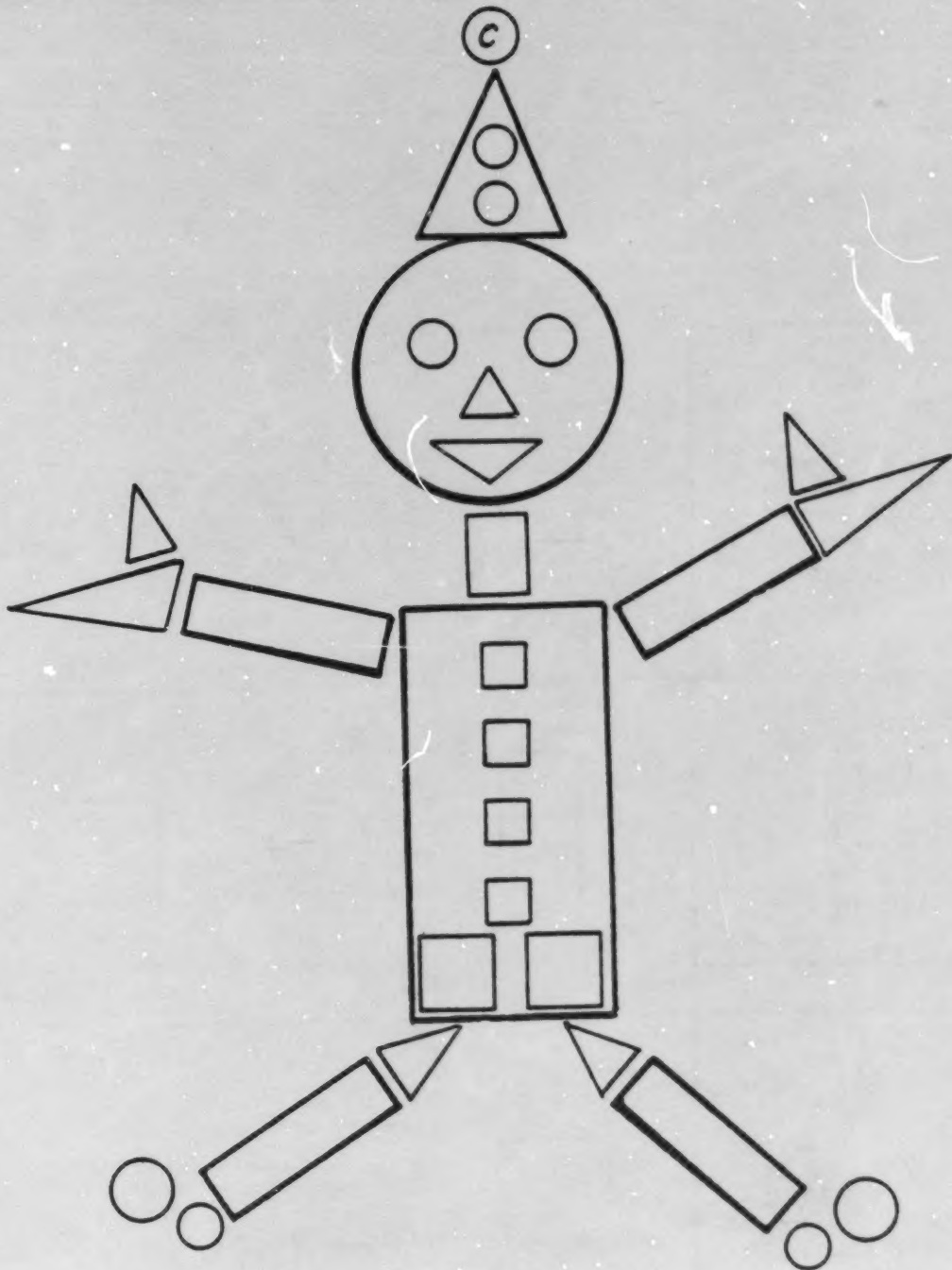
DATE: _____

Color each circle red.

Color each square green.

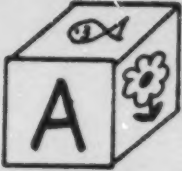
Color each triangle blue.

Color each rectangle yellow.



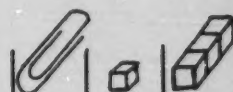
NAME: _____ CLASS: _____ DATE: _____

Look at the picture. Answer each question with a check mark (✓).

Objects	Rolls		Has Corners		Has Faces	
	Yes	No	Yes	No	Yes	No
						
						
						
						
						
						

NAME: _____ CLASS: _____ DATE: _____

Use the objects shown at the right to measure. . . .



Draw an X on the hand that is holding the heavier object.



P.O. 1.12.01.01

NAME: _____ CLASS: _____ DATE: _____

Ask five friends if they like milk or juice with their lunch. Mark their choices next to the pictures.

Favorite Drink

Milk



--	--	--	--	--

Juice



--	--	--	--	--

NAME: _____ CLASS: _____ DATE: _____

Use tally marks to vote for your favorite fruit. Record the results. Answer the questions.

Our Favorite Fruit



How many students like ? _____

How many students like ? _____

How many students like ? _____

How many students like ? _____

Which fruit did the students like most? _____

Which fruit did the students like least? _____

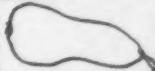
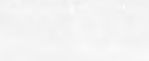
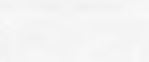
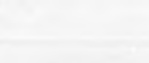
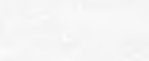
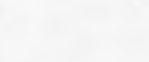
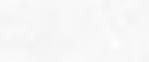
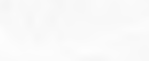
P.O. 1.12.01.03

NAME: _____

CLASS: _____

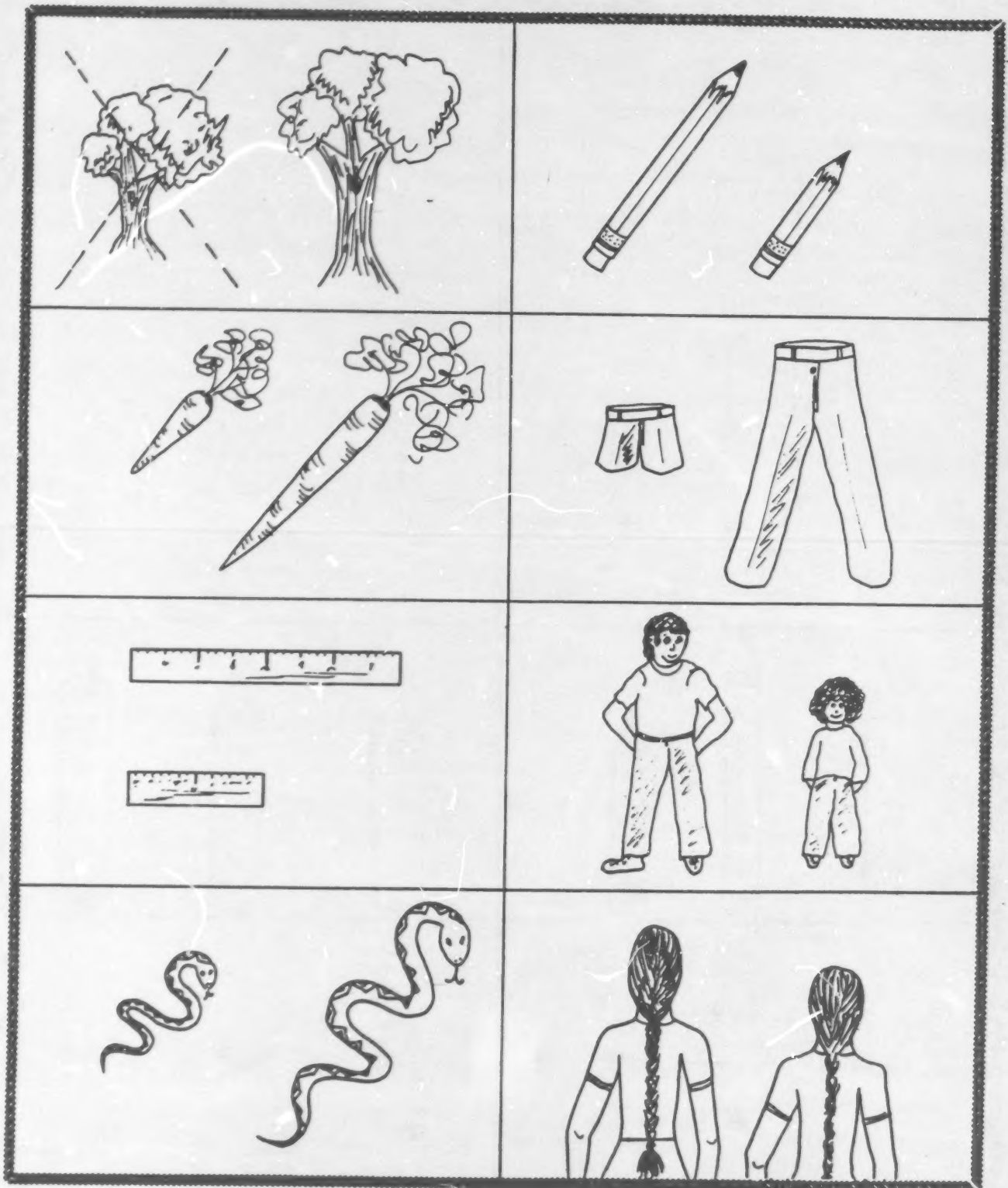
DATE: _____

Color a box green for each pear, yellow for each banana and red for each apple. For which fruit did we fill in the most boxes? For which fruit did we fill in the fewest boxes?

Start ↓		Start ↓		Start ↓	
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					

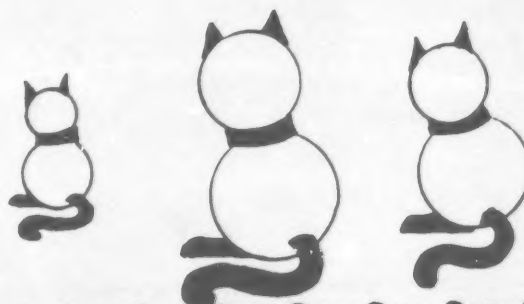
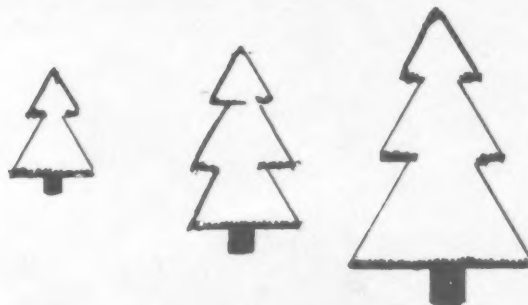
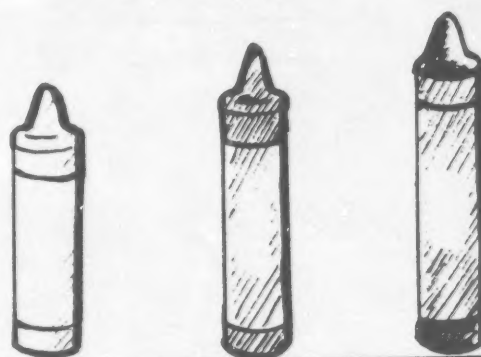
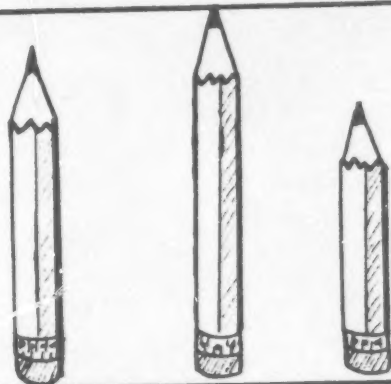
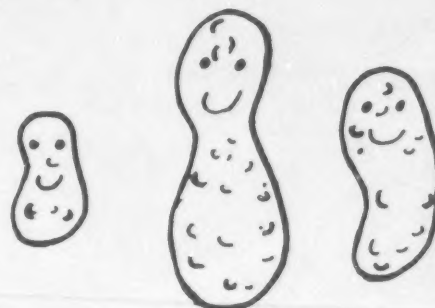
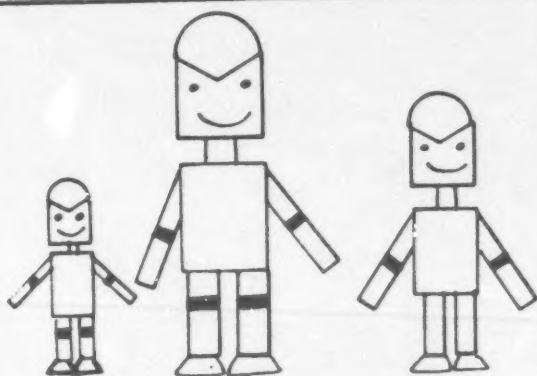
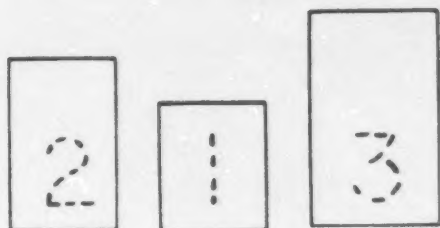
NAME: _____ CLASS: _____ DATE: _____

Draw an X on the item which is shorter.



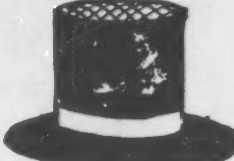
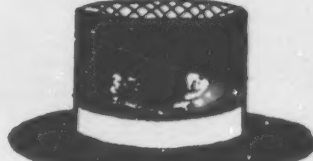
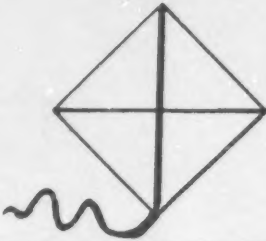
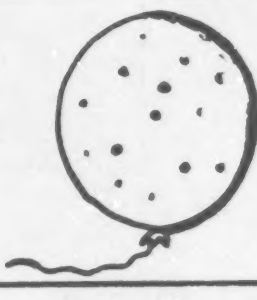
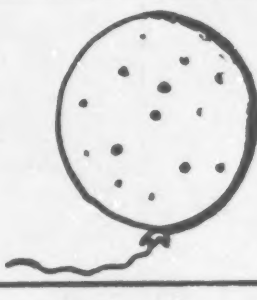
NAME: _____ CLASS: _____ DATE: _____

Number the objects 1, 2, or 3 according to size.
Number the shortest object 1.

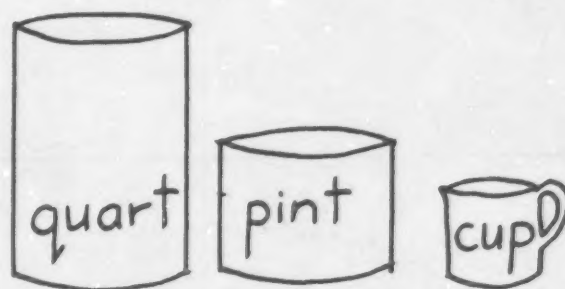
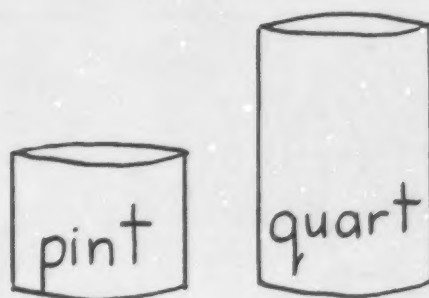
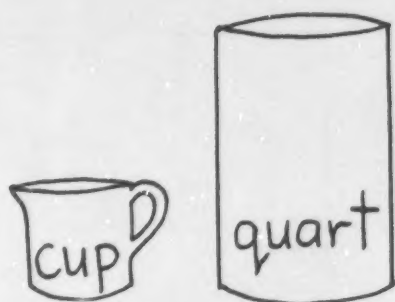


NAME: _____ CLASS: _____ DATE: _____

Fill in the missing object.

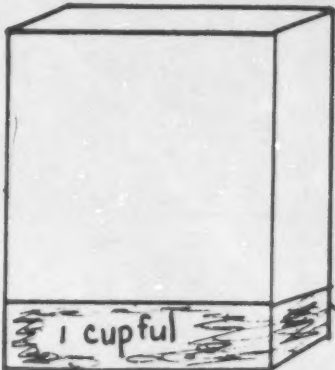
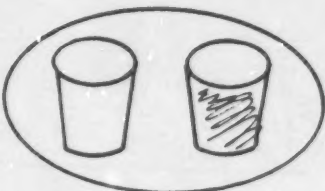
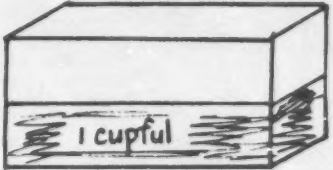
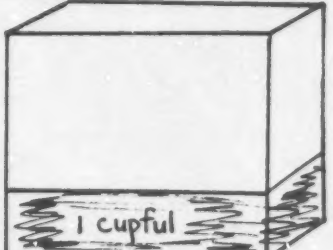
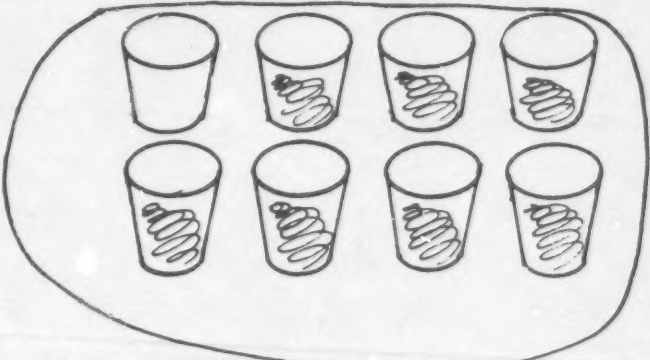
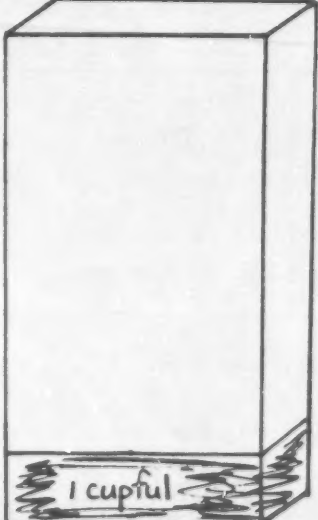
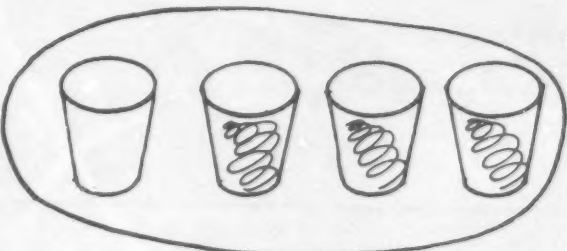
wide	wider	widest
		
		
		
		

Draw an X on the container that holds more.



NAME: _____ CLASS: _____ DATE: _____

Match how many cupfuls each container can hold.
The first cup has been poured.

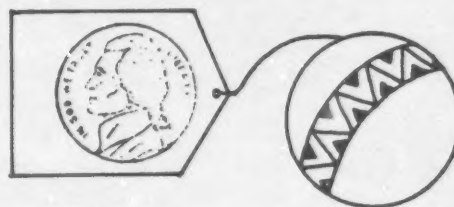
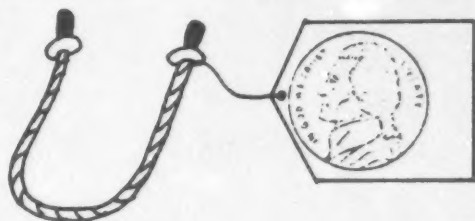
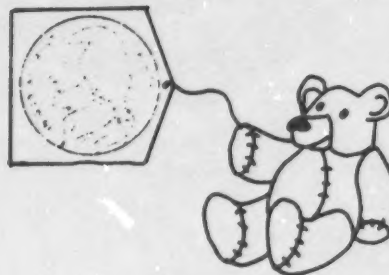
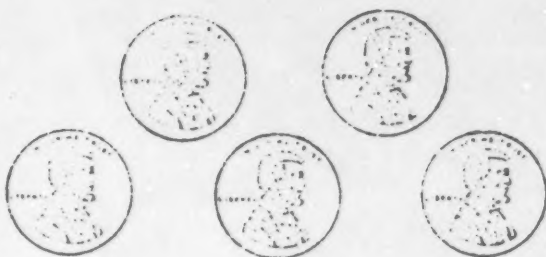
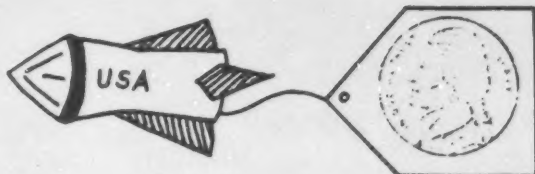
	
	
	
	

Put an X on the lines that show the same amount of money.

NAME: _____ CLASS: _____ DATE: _____

All the toys cost one nickel. Put an X on the boxes which show enough pennies.

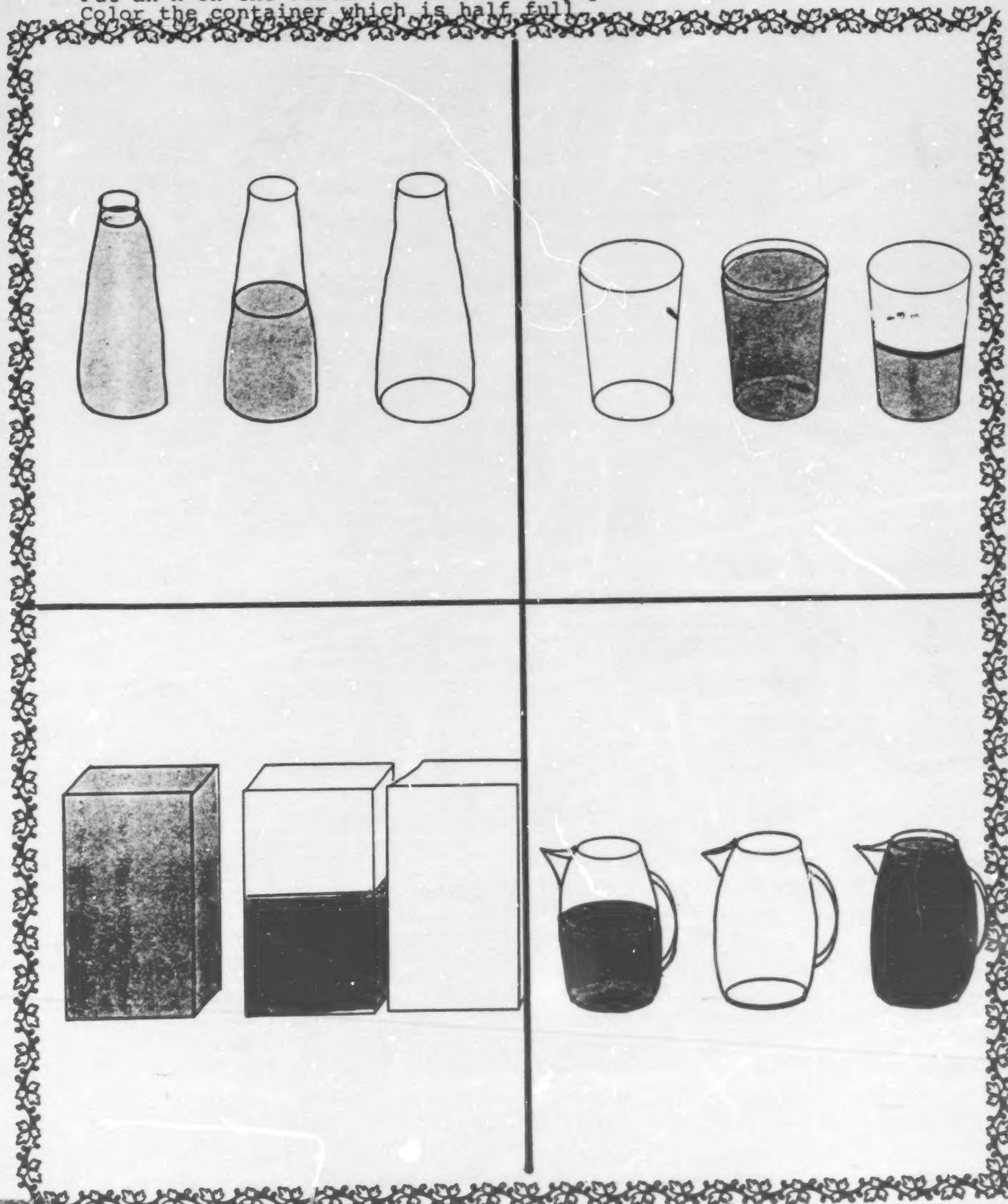


NAME: _____ CLASS: _____ DATE: _____

Draw a ring around the container which is full.

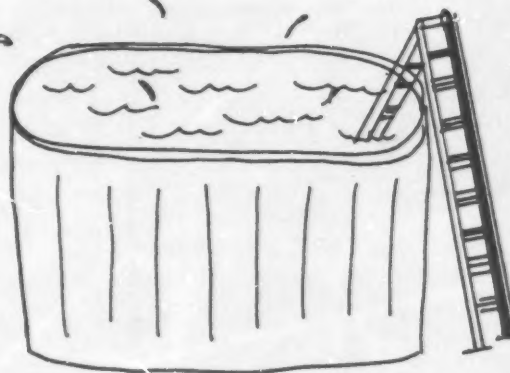
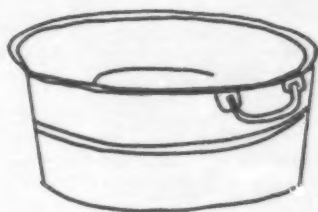
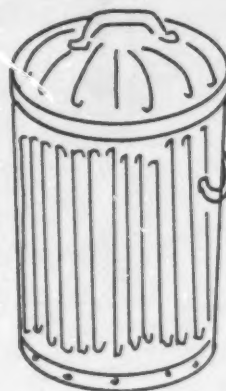
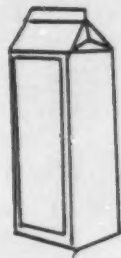
Put an X on the container which is empty.

Color the container which is half full.



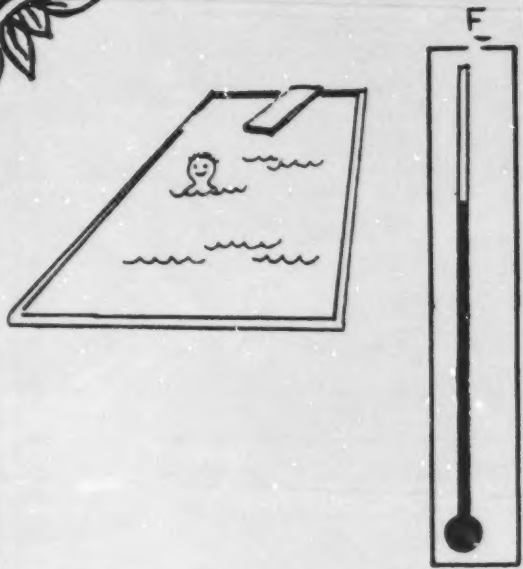
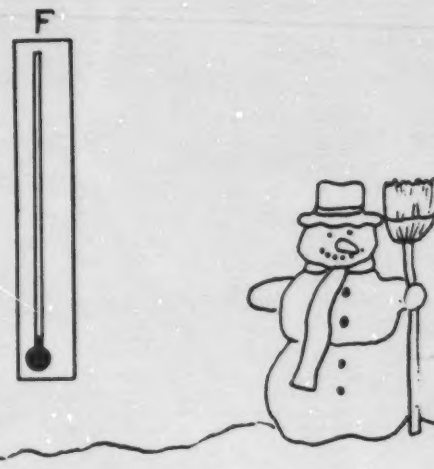
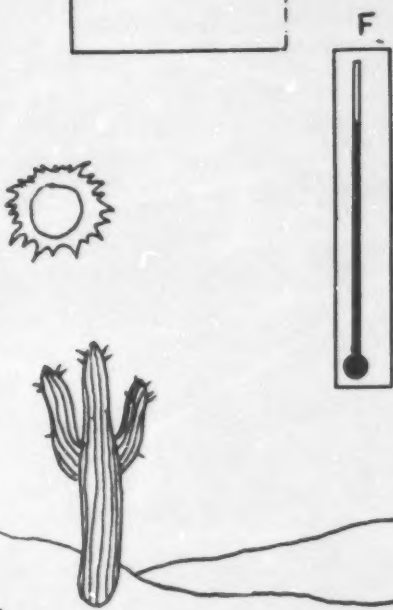
Draw a ring around the containers which hold more than a liter.
Put an X on the containers which hold less than a liter.

1
liter

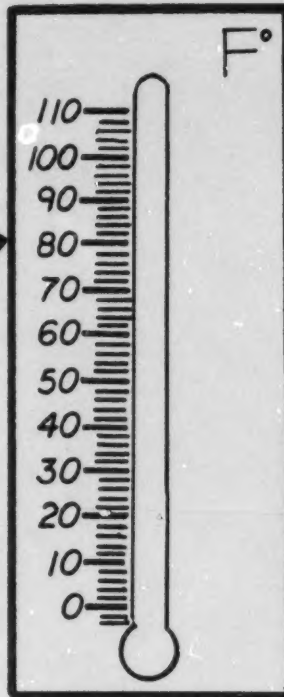
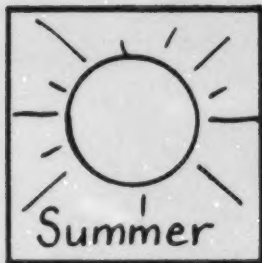


NAME: _____ CLASS: _____ DATE: _____

Write hot or cold.

 hot	
	

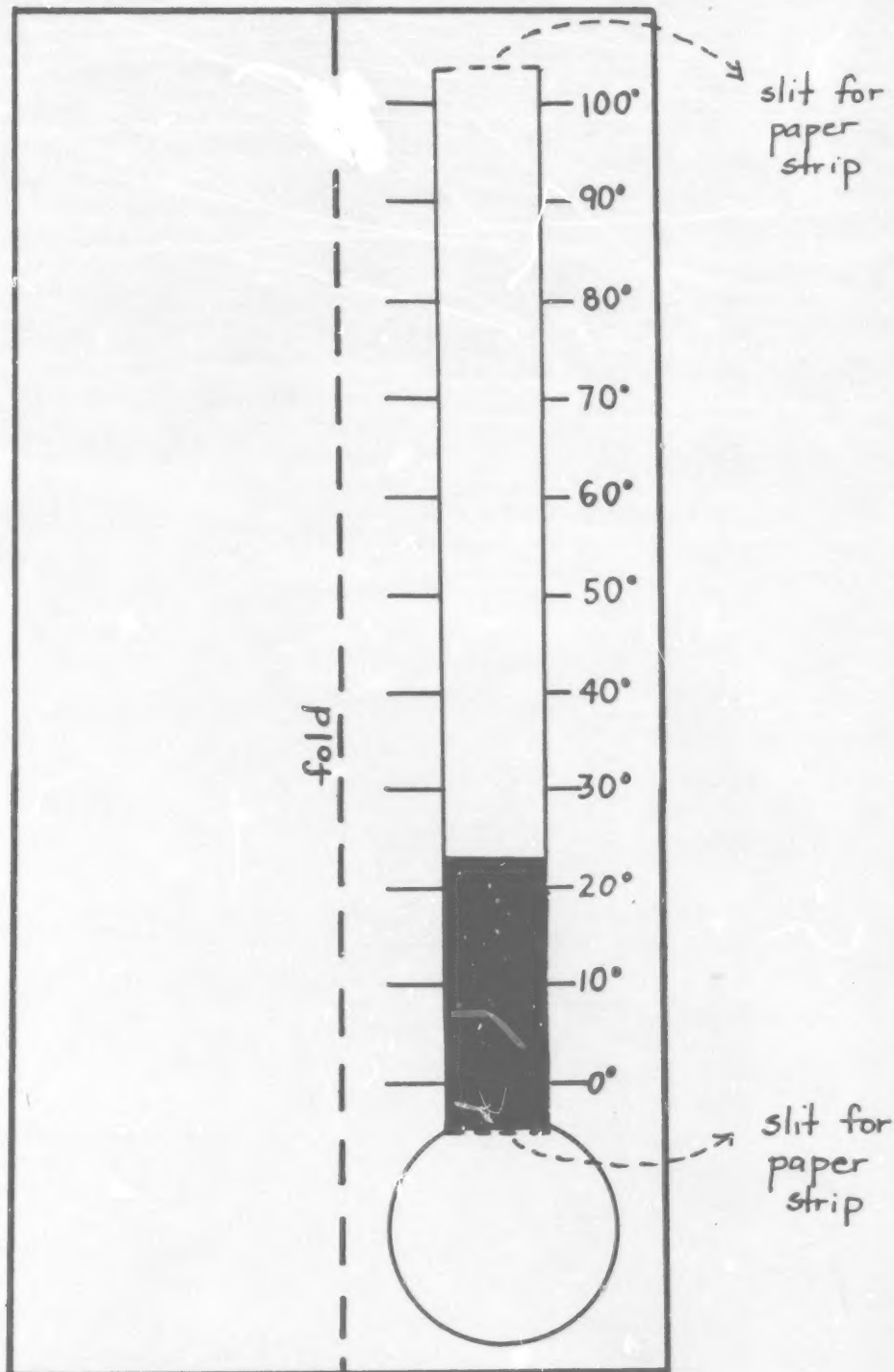
Match the pictures to the season.



P.O. 1.10.10.01

NAME: _____ CLASS: _____ DATE: _____

TEACHER: Cut out and use with P.O. 1.10.10.01 Strategy 1.



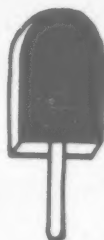
P.O. 1.10.10.01

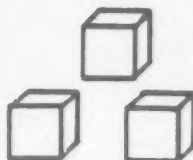
NAME: _____ CLASS: _____ DATE: _____

Write 100°C or 0°C on each line.









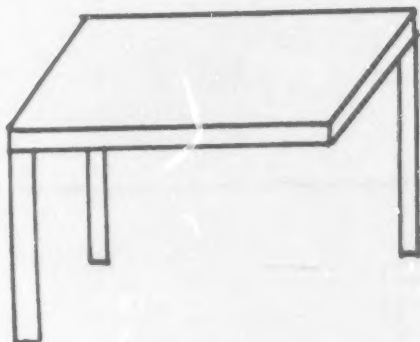








Look at each picture. Fill in the missing part.
Color the pictures.



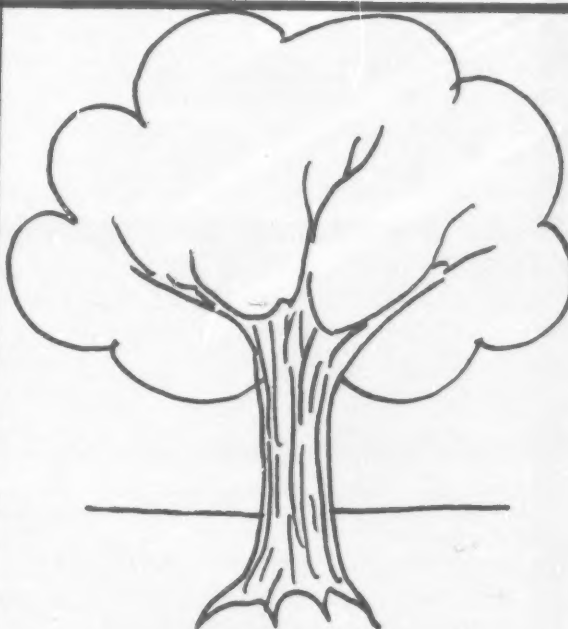
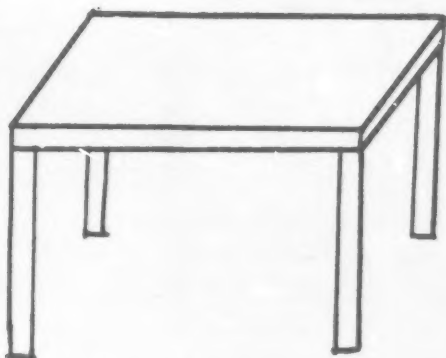
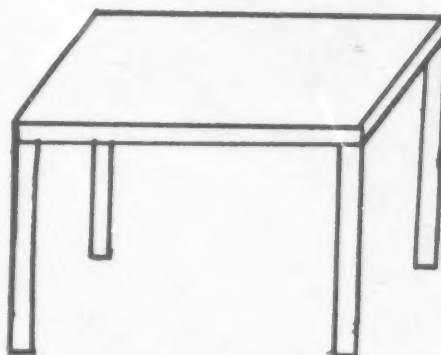
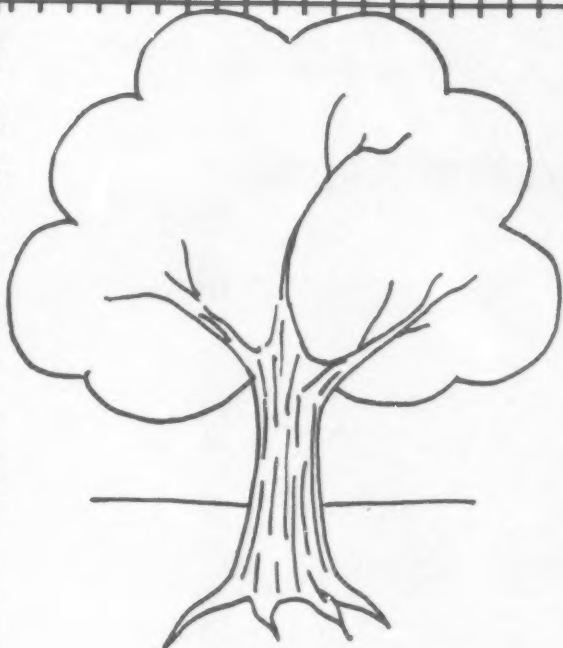
NAME: _____ CLASS: _____ DATE: _____

What is the clown missing? Cut out the parts and
paste them where they belong.



NAME: _____ CLASS; _____ DATE: _____

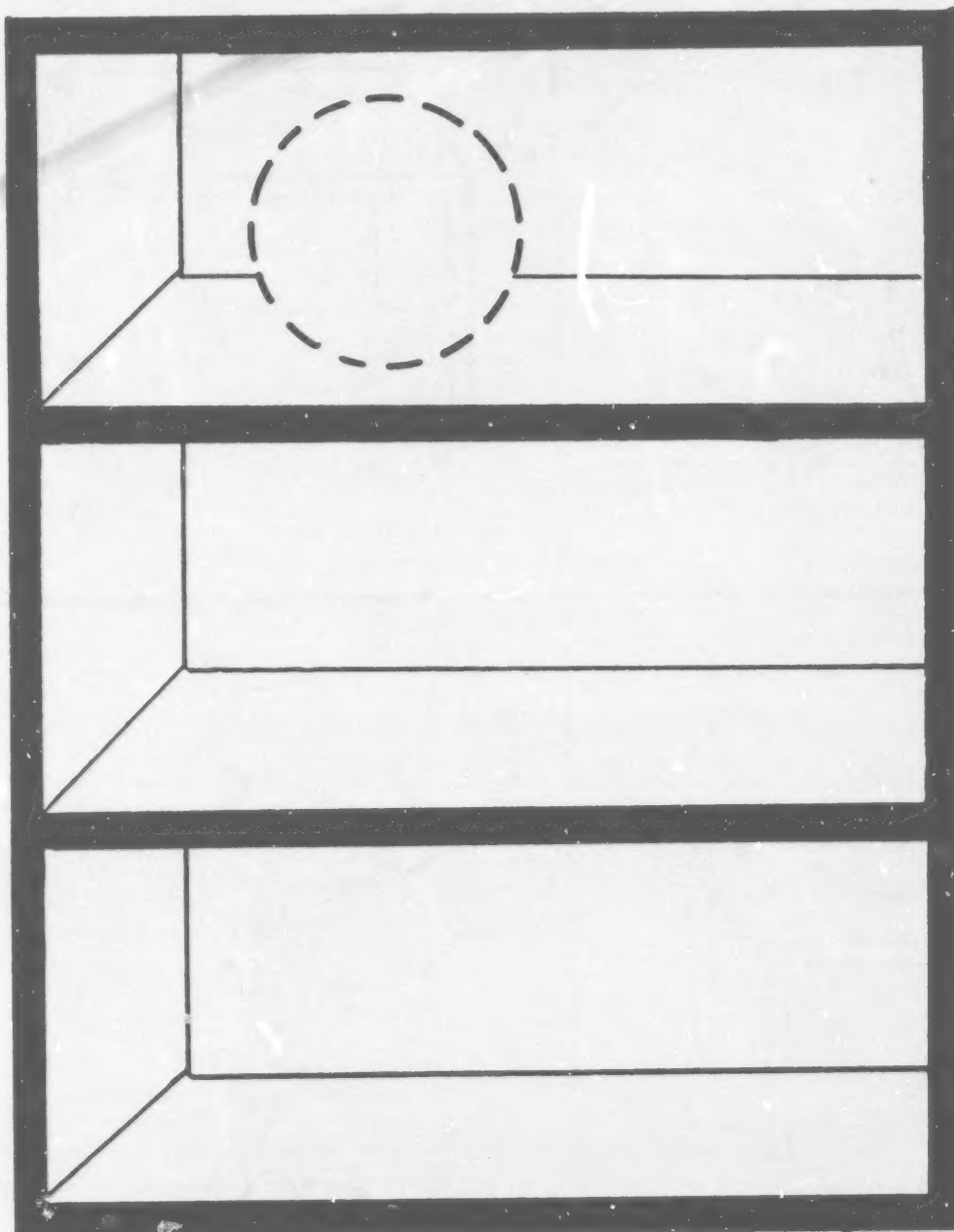
Draw 3 red apples on the tree. Draw 2 boxes on the table.
Draw a ball under the table. Draw 2 red apples on the
tree and one red apple on the ground.



P.O. 1.13.01.02

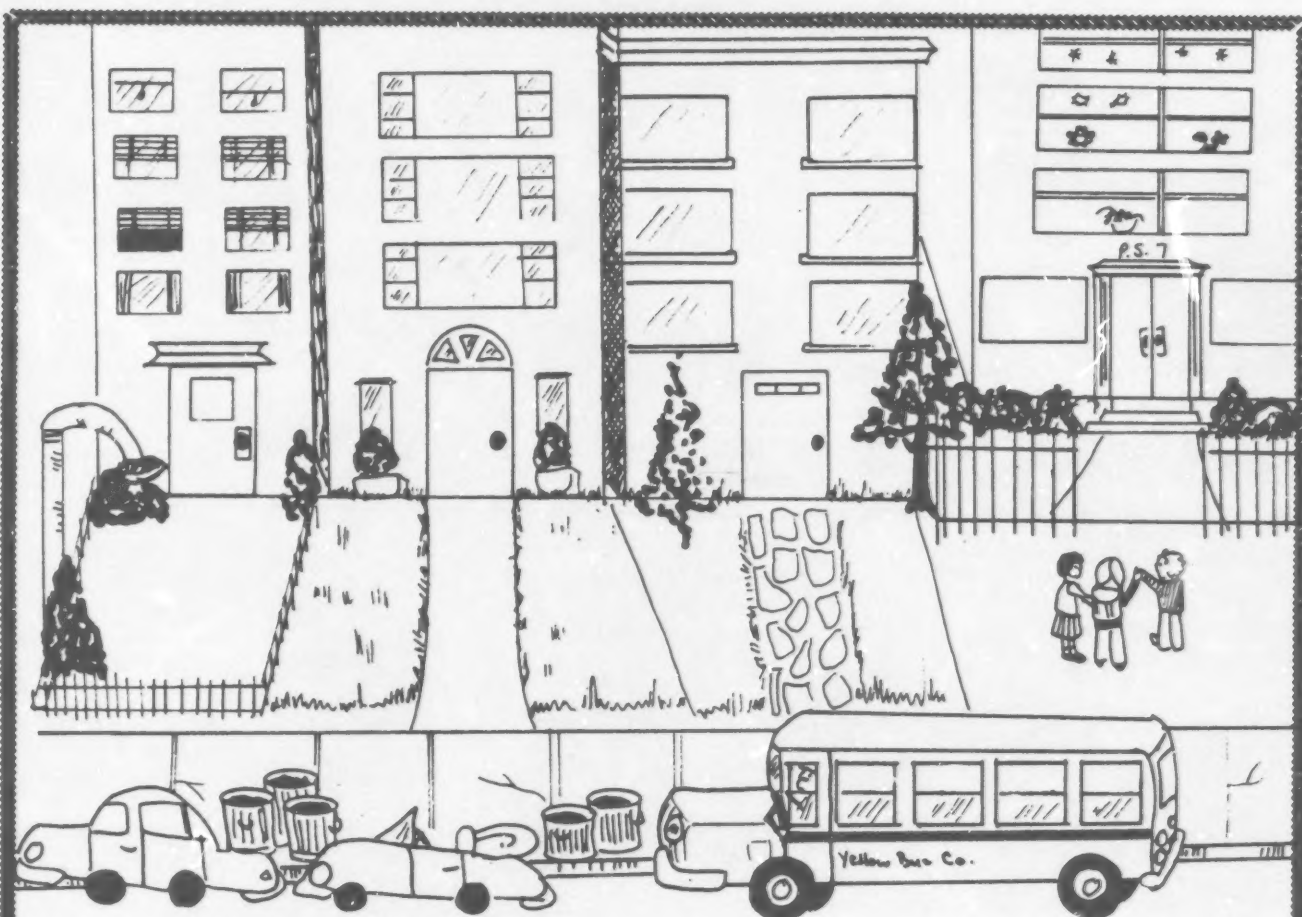
NAME: _____ CLASS: _____ DATE: _____

Draw a big blue ball on the top shelf.
Draw a yellow truck on the middle shelf.
Draw a green kite on the bottom shelf.



NAME: _____ CLASS: _____ DATE: _____

How many cars? How many cans?
How many houses? How many children?



How many  ? How many  ?

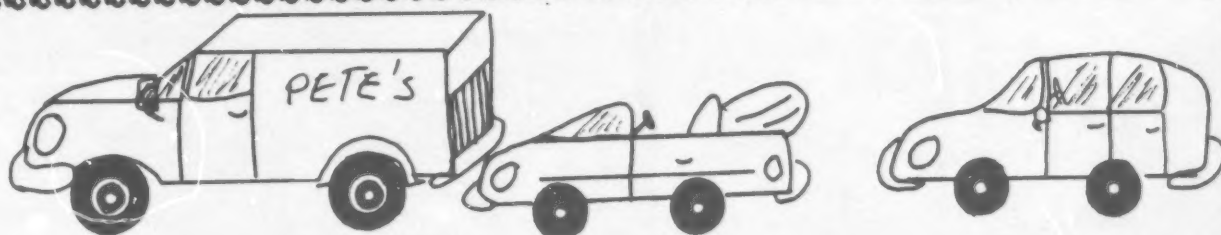
How many  ? How many  ?

NAME: _____

CLASS: _____

DATE: _____

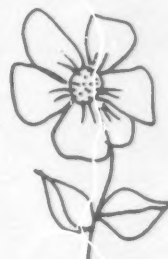
Put a period (.) after a fact.
Put a question mark (?) after a question.



There is one truck



Are there two cars



Do you see four flowers



The flowers are pretty



One house has three windows

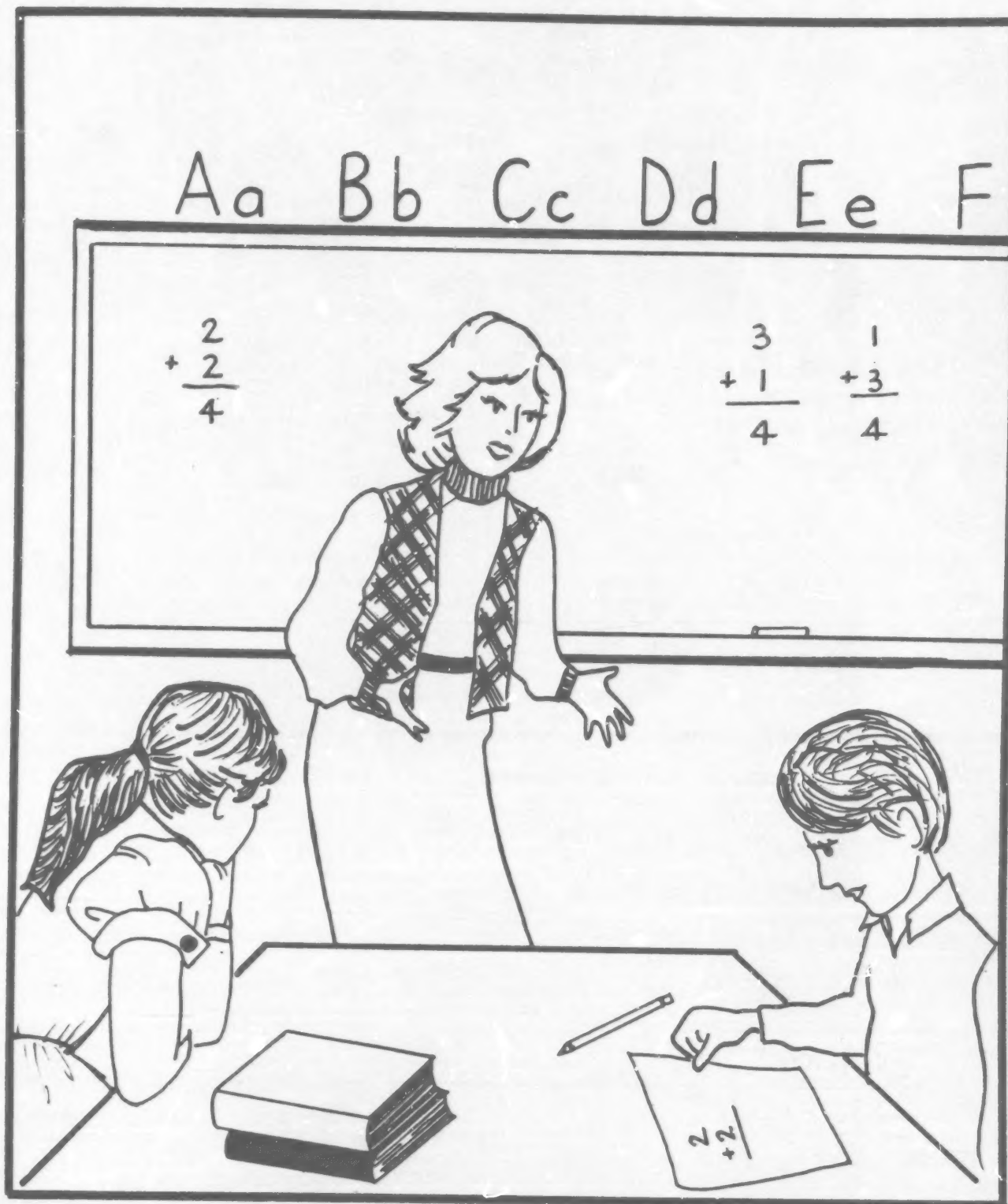


How many windows does the other house have



NAME: _____ CLASS: _____ DATE: _____

TEACHER: Ask students to generate questions about the picture.



Color the number of children in your family. Use tally marks on the table.
Color your favorite ball. Ask your friends to pick their favorite ball.
Use tally marks on the table.



Sisters

Brothers

B.



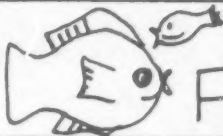
Football

Basketball

Baseball

NAME: _____ CLASS: _____ DATE: _____

Look at the table. Answer the questions.

Pets	
 Dogs	/////
 Cats	///
 Fish	////
 Birds	/
Other	////
None	//

Look at the table.

How many people own:

dogs? _____ birds? _____

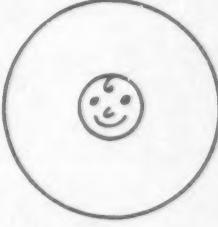
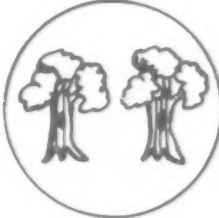
cats? _____ other? _____

fish? _____ none? _____

Which two groups have the same number of pets?

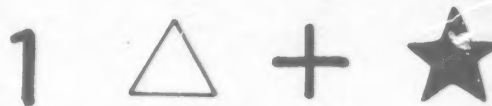
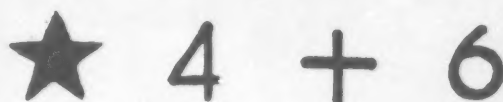
NAME: _____ CLASS: _____ DATE: _____

Circle both groups making one larger group.

 and 	 and 
 and 	 and 
 and 	 and 
 and 	 and 

NAME: _____ CLASS: _____ DATE: _____

Circle the plus (+) symbols.

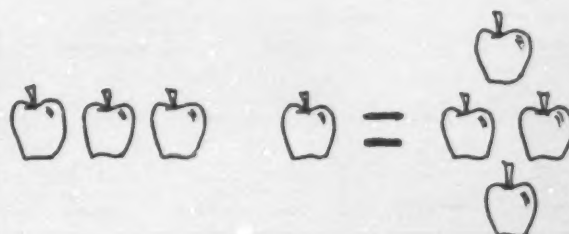
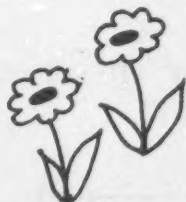
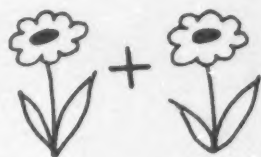


NAME: _____ CLASS: _____ DATE: _____

Circle the equal (=) symbols.

  	= 1 4 2
  =	= 4 3 =
= +  	= + = +
+ =  3	= 5  =
= + = =	+ = + +

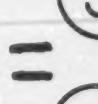
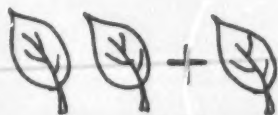
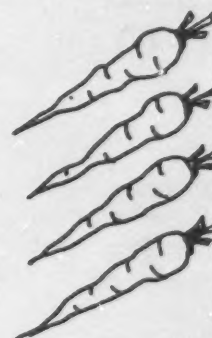
Write the missing symbol (+ or =) in each sentence.



=



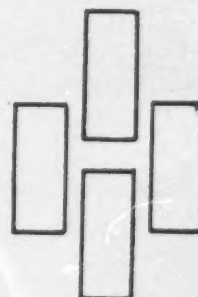
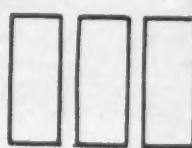
+



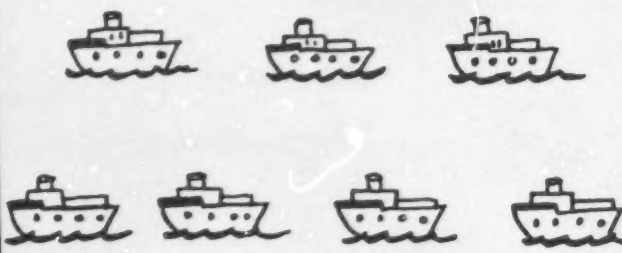
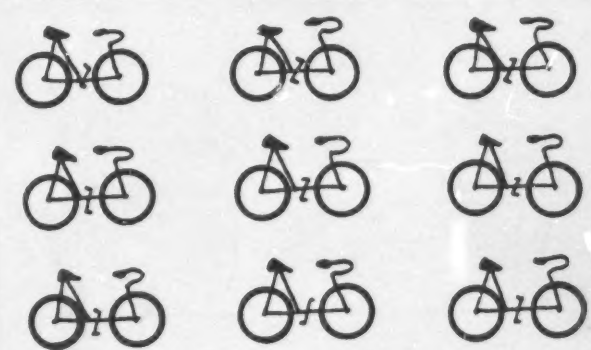
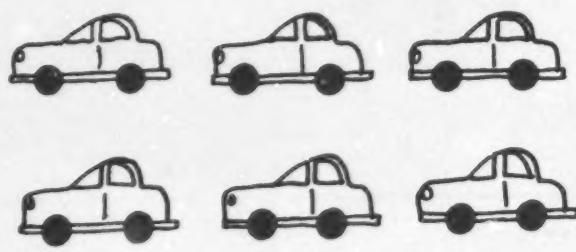
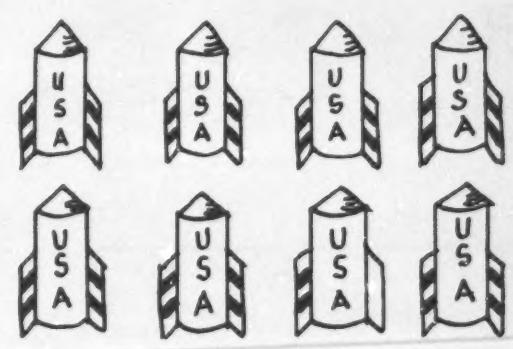
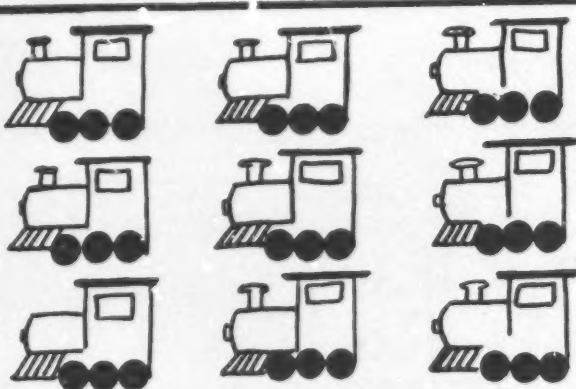
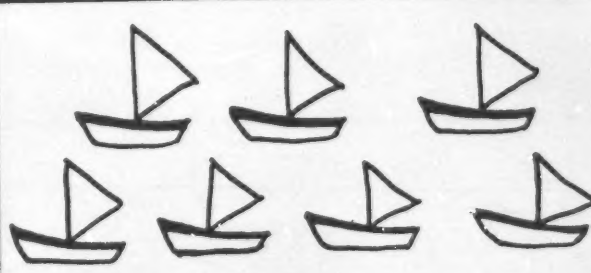
=



+



Draw a ring around the number which shows how many there are in each group.

 6 7 8 9	 6 7 8 9
 6 7 8 9	 6 7 8 9
 6 7 8 9	 6 7 8 9

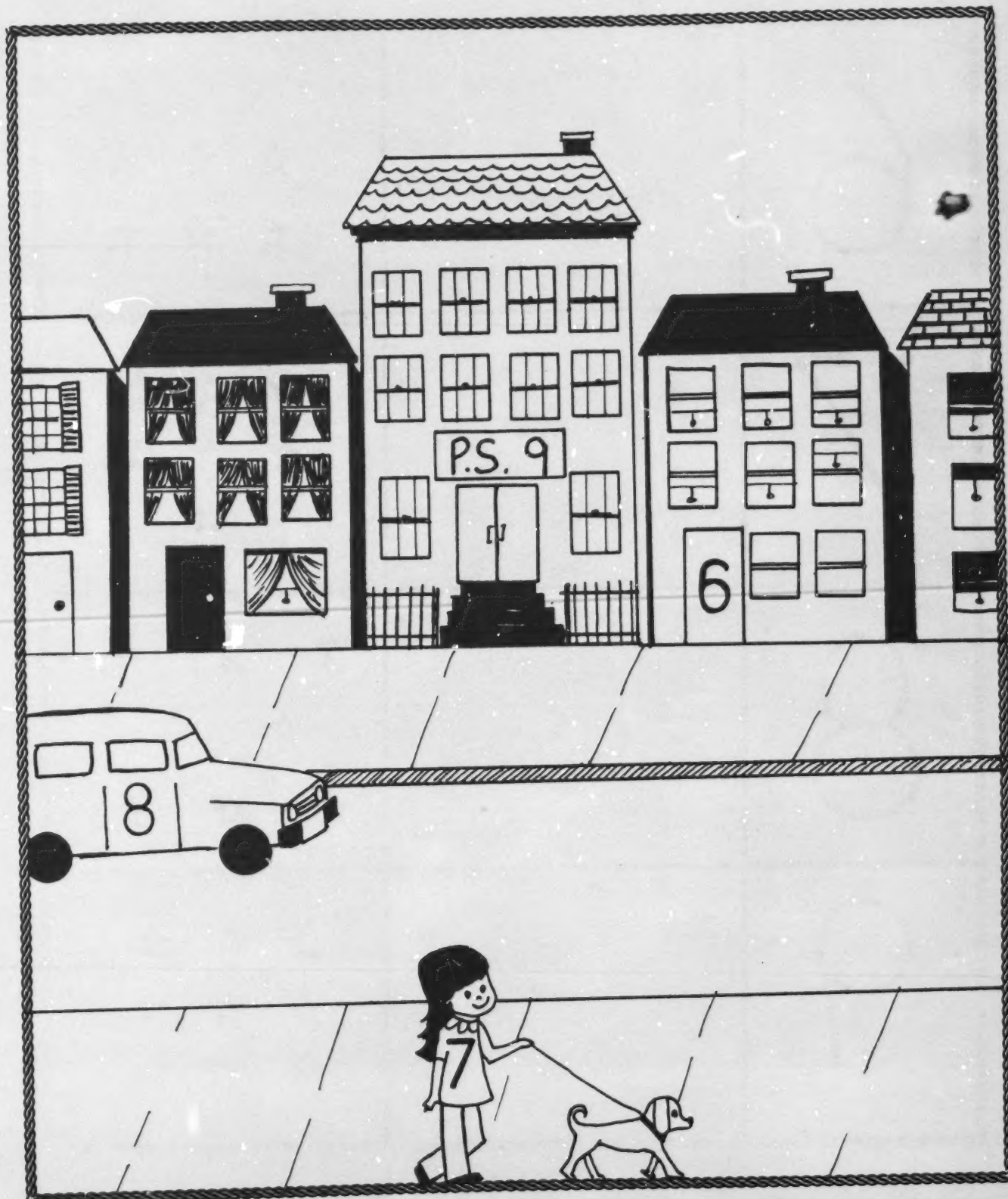
NAME: _____ CLASS: _____ DATE: _____

Write the number words.

6	SIX	
7		
8		
9		

NAME: _____ CLASS: _____ DATE: _____

Color the spaces with the numbers 6, 7, 8 and 9.



P.O. 1.01.10.01

NAME: _____ CLASS: _____ DATE: _____

Draw Indian stick figures for each number sentence.

One little Indian

Two little Indians

Three little Indians

Four little Indians

Five little Indians

Six little Indians

Seven little Indians

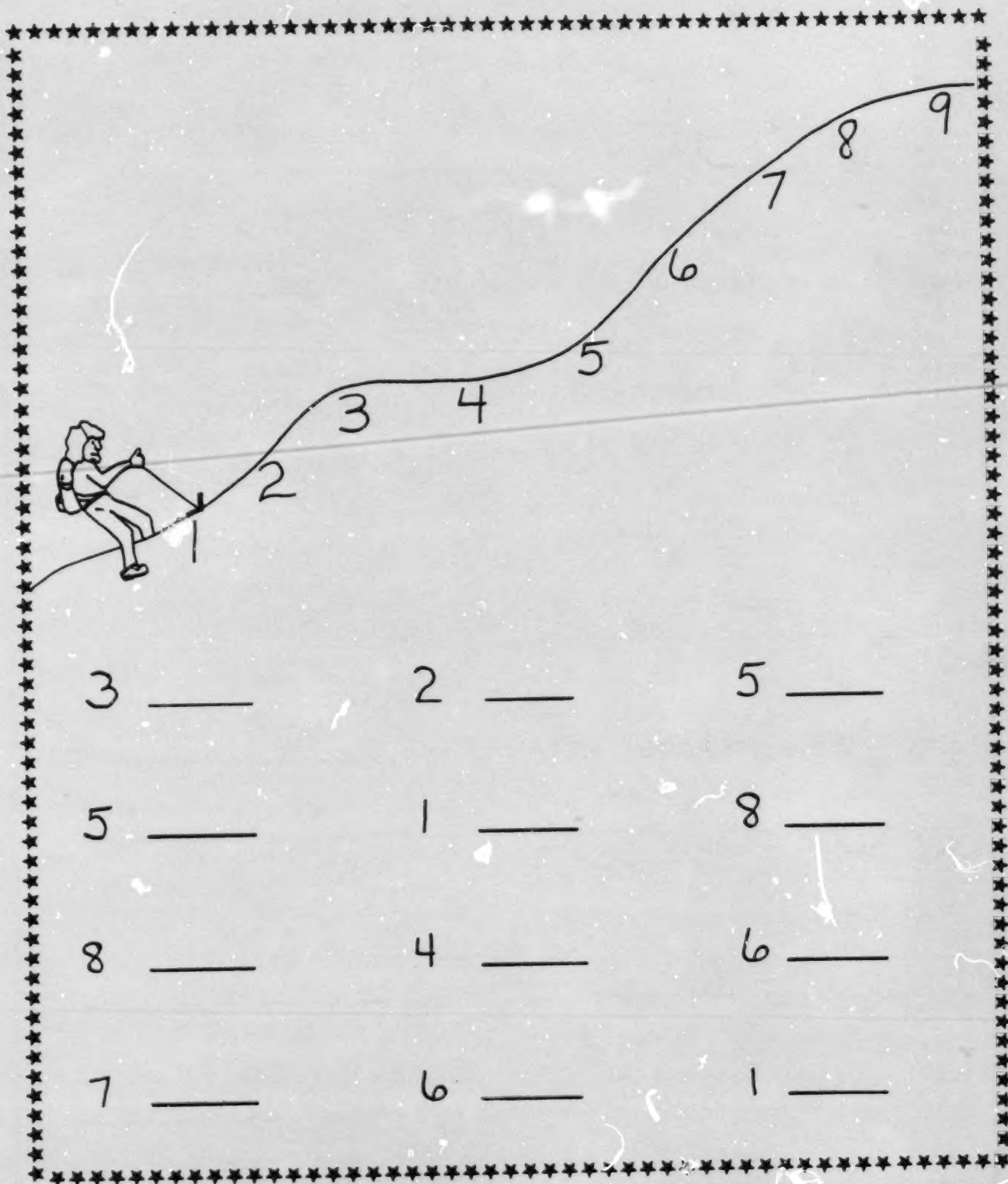
Eight little Indians

Nine little Indian boys and girls. _____

P.O. 1.01.10.02

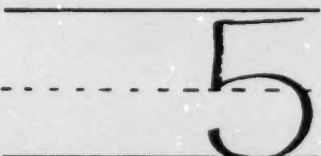
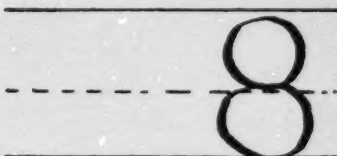
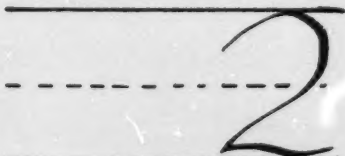
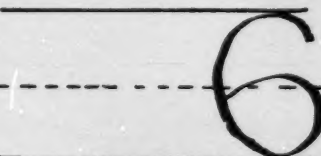
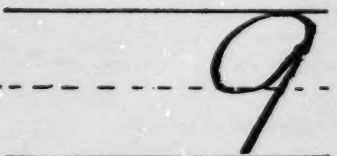
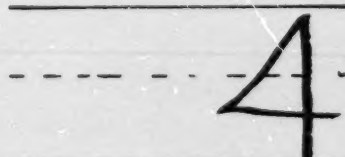
NAME: _____ CLASS: _____ DATE: _____

Fill in the number which comes after the given number.

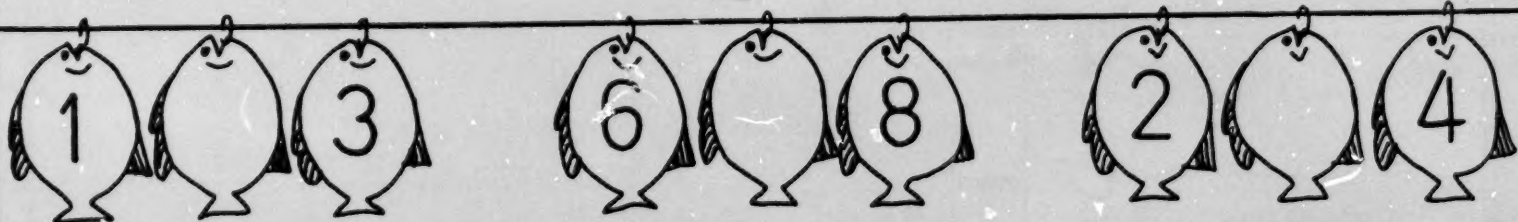
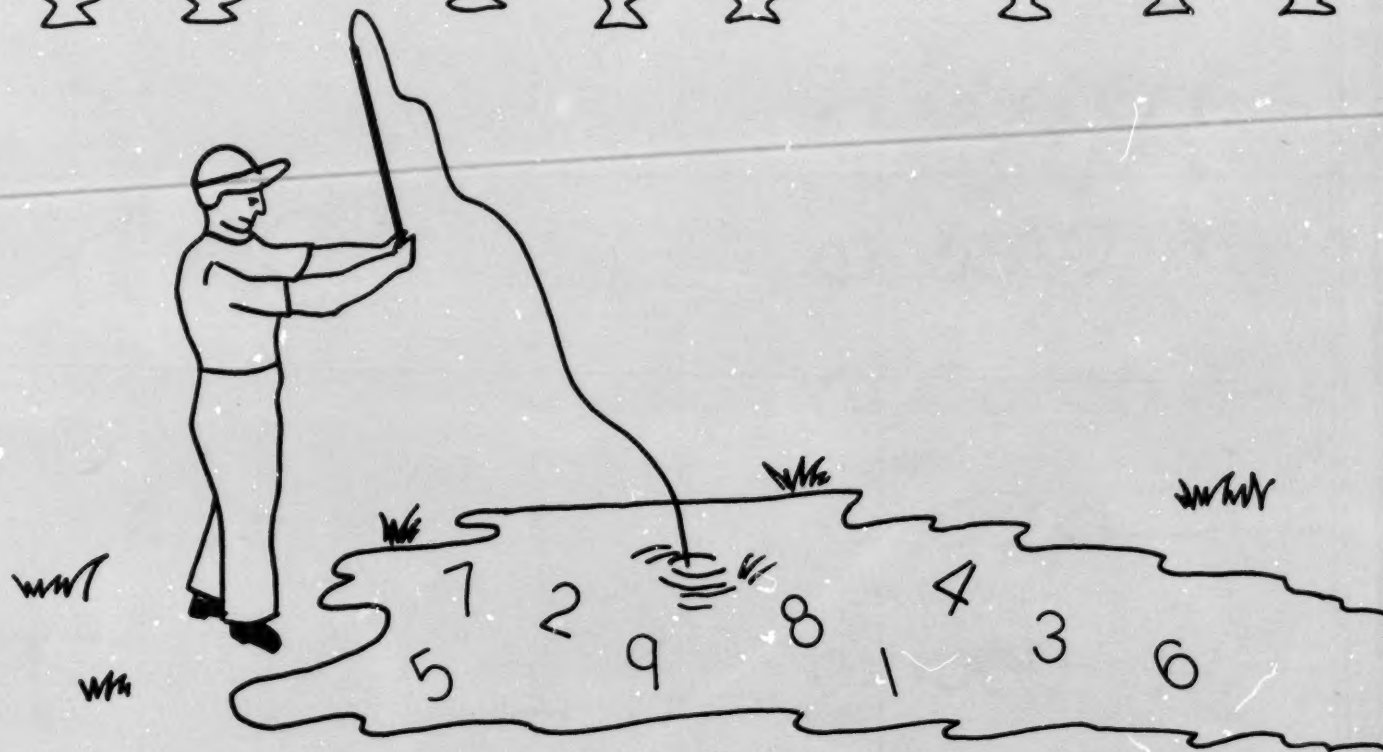


NAME: _____ CLASS: _____ DATE: _____

Write the number which comes before the given number.

								
1	2	3	4	5	6	7	8	9
								
								
								

Fill in the missing numbers.



NAME: _____ CLASS: _____ DATE: _____

Draw an X on the frame in each box.

$$2 + 3 = \boxed{\times}$$

$$\boxed{} + 1 = 4$$

$$3 + \boxed{} = 5$$

$$1 + 4 = \boxed{}$$

$$\boxed{} + 1 = 5$$

$$1 + \boxed{} = 2$$

$$2 + \boxed{} = 3$$

$$2 + 2 = \boxed{}$$

NAME: _____

CLASS: _____

DATE: _____

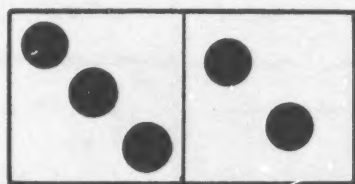
Write the (+) symbol in the correct place.

$\begin{array}{r} 3 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 1 \\ 2 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ 2 \\ \hline \square \end{array}$	$\begin{array}{r} 1 \\ 4 \\ \hline \square \end{array}$
$\begin{array}{r} 2 \\ 3 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ 1 \\ \hline \square \end{array}$	$\begin{array}{r} 4 \\ 1 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ 1 \\ \hline \square \end{array}$

NAME: _____ CLASS: _____ DATE: _____

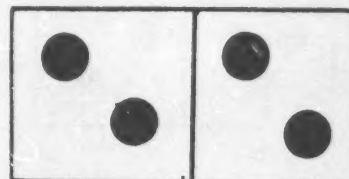
Write the (+) and (=) symbol in each box. Write the sum.

$$3 + 2 = \square$$



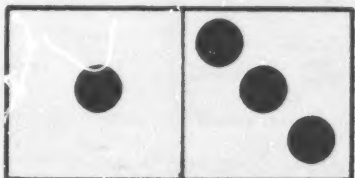
2

2



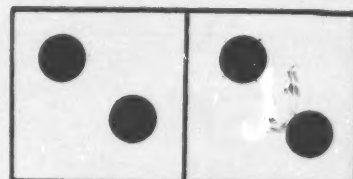
3

1



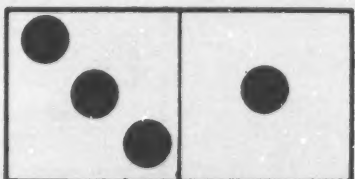
2

2



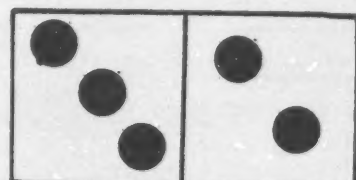
3

1



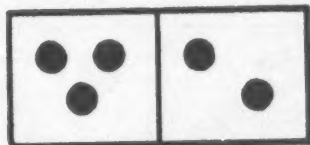
3

2

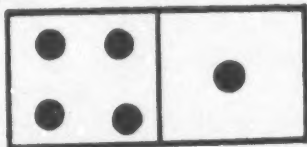


NAME: _____ CLASS: _____ DATE: _____

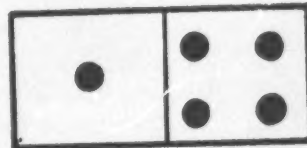
Write the addition fact for each picture.



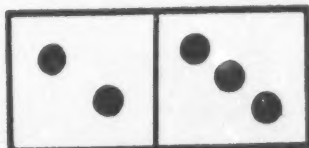
$$\underline{3} + \underline{2} = \underline{5}$$



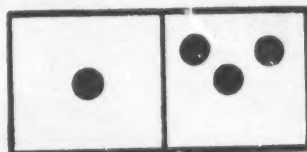
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



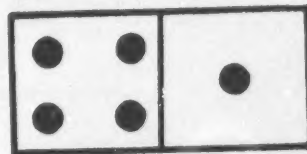
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



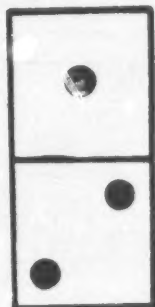
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



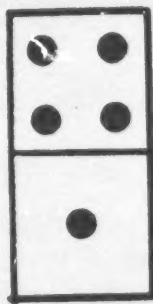
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



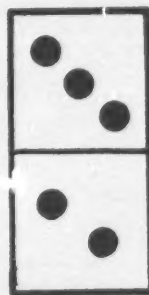
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



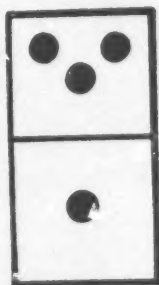
$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$



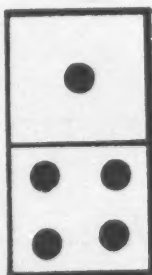
$$\begin{array}{r} + \\ \hline \end{array}$$



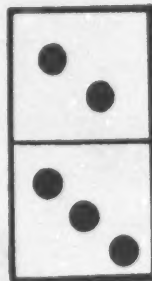
$$\begin{array}{r} + \\ \hline \end{array}$$



$$\begin{array}{r} + \\ \hline \end{array}$$



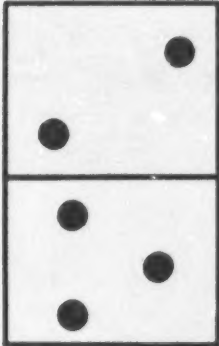
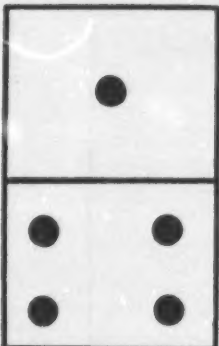
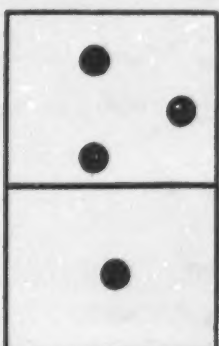
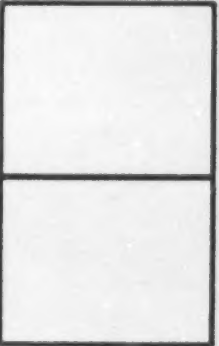
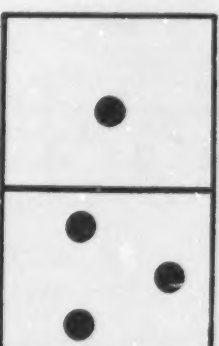
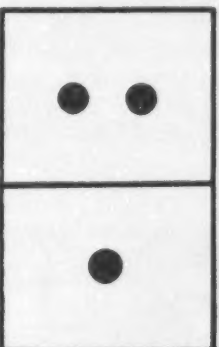
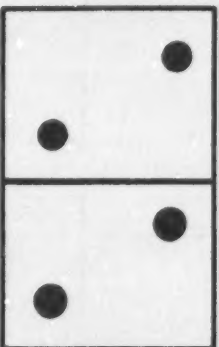
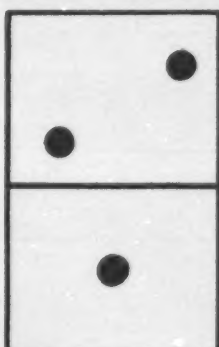
$$\begin{array}{r} + \\ \hline \end{array}$$



$$\begin{array}{r} + \\ \hline \end{array}$$

NAME: _____ CLASS: _____ DATE: _____

Turn the paper. Draw the set.

Write the number sentence another way.



$$2 + 1 = \underline{3}$$



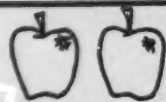
$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$



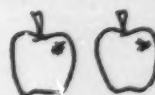
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$$



$$2 + 2 = \underline{\quad}$$



$$+ \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$



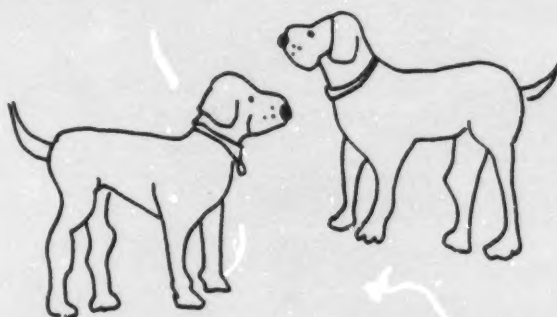
$$3 + 2 = \underline{\quad}$$



$$+ \underline{\quad}$$

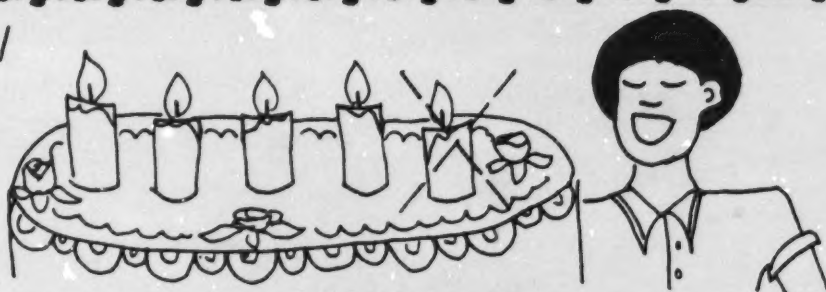
NAME: _____ CLASS: _____ DATE: _____

Remove one object from each group.
Draw an X on the object you are removing.



Cross out one object on each line. Circle the word that tells if the group which is left is bigger or smaller.

1



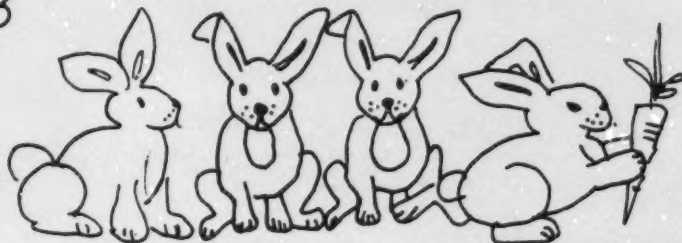
bigger
smaller

2



bigger
smaller

3



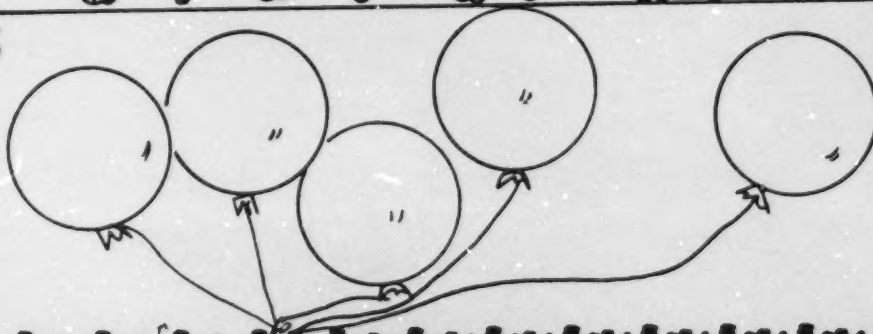
bigger
smaller

4



bigger
smaller

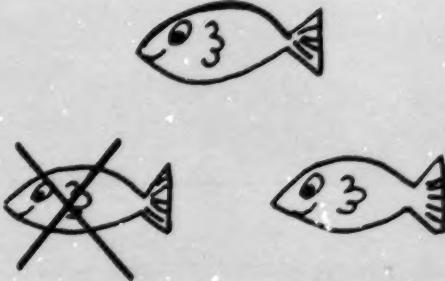
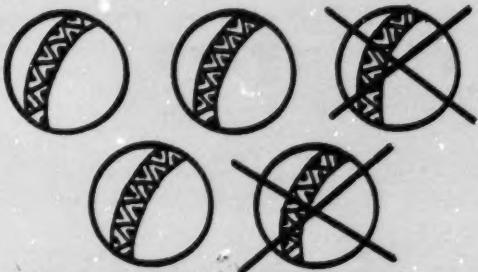
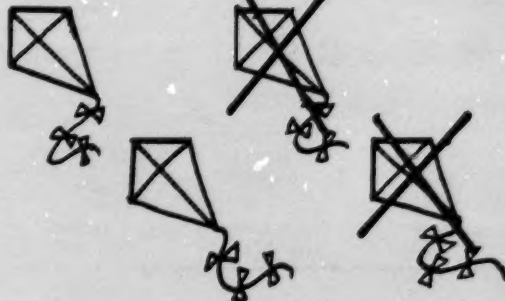
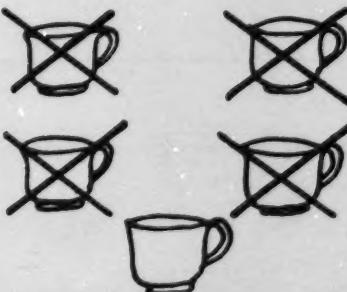
5



bigger
smaller

NAME: _____ CLASS: _____ DATE: _____

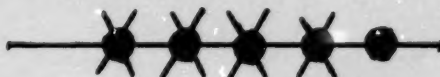
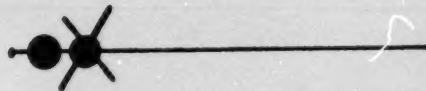
Circle the minus sign in each box. Write the minus sign under the picture.

$+$ $-$  ---	$+$ $-$ 
$+$ $-$ 	$+$ $-$ 
$+$ $-$ 	$+$ $-$ 

NAME: _____ CLASS: _____ DATE: _____

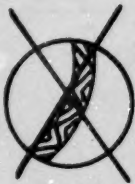
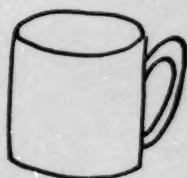
Look at the number line. Write (+) or (-).





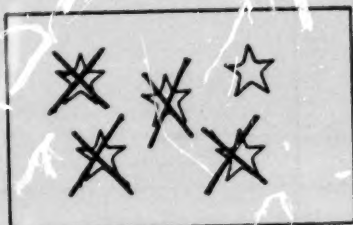
NAME: _____ CLASS: _____ DATE: _____

TEACHER: Read each number story to students varying language to say subtract, take away or minus.



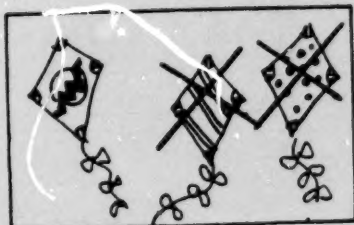
NAME: _____ CLASS: _____ DATE: _____

Circle the minus sign. Write the minus sign in the number sentence.



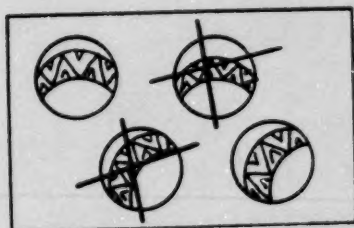
+ ~~-~~

$$5 - 4 =$$



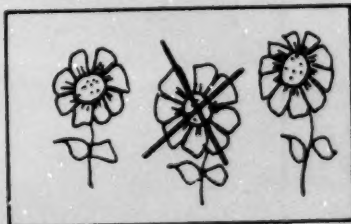
+ -

$$3 - 2 =$$



+ -

$$4 - 2 =$$



+ -

$$3 - 1 =$$

Write the minus sign.



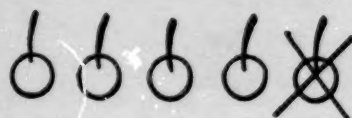
$$3 - 2 =$$



$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$



$$5 - 1 =$$



$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$



$$4 - 2 =$$



$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$



$$5 - 2 =$$



$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$



$$4 - 1 =$$



$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

NAME: _____ CLASS: _____ DATE: _____

Complete the subtraction sentences for each picture.



$$3 - \boxed{1} = \boxed{2}$$



$$\begin{array}{r} 4 \\ - \boxed{2} \\ \hline \boxed{2} \end{array}$$



$$5 - \boxed{} = \boxed{}$$



$$\begin{array}{r} 2 \\ - \boxed{} \\ \hline \boxed{} \end{array}$$



$$4 - \boxed{} = \boxed{}$$



$$\begin{array}{r} 4 \\ - \boxed{} \\ \hline \boxed{} \end{array}$$



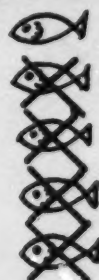
$$4 - \boxed{} = \boxed{}$$



$$\begin{array}{r} 3 \\ - \boxed{} \\ \hline \boxed{} \end{array}$$



$$3 - \boxed{} = \boxed{}$$



$$\begin{array}{r} 5 \\ - \boxed{} \\ \hline \boxed{} \end{array}$$

Do the examples. Match your answer to the color key.
Color the train.

$$4 - 3 = \square$$

$$2 - 1 = \square$$

$$5 - 2 = \square$$

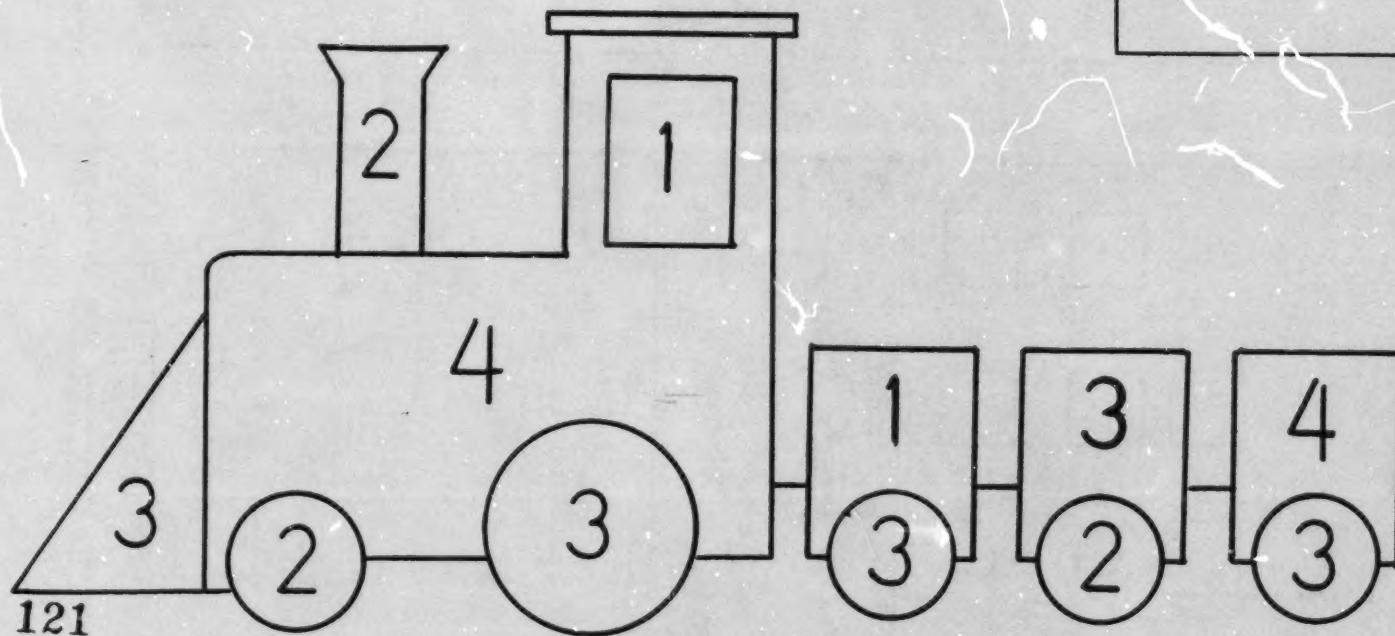
$$\begin{array}{r} 5 \\ - 1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \square \end{array}$$

KEY

1 - BLUE
2 - YELLOW
3 - RED
4 - GREEN



NAME: _____ CLASS: _____ DATE: _____

Write the number families.

2, 3, 5

$$2 + 3 = 5$$

$$3 + 2 = \square$$

$$5 - 3 = \square$$

$$5 - 2 = \square$$

1, 4, 5

$$1 + 4 = \square$$

$$4 + 1 = \square$$

$$5 - \square = \square$$

$$5 - \square = \square$$

1, 3, 4

$$1 + 3 = \square$$

$$\square + \square = \square$$

$$4 - \square = \square$$

$$4 - \square = \square$$

1, 2, 3

$$\square + \square = 3$$

$$\square + \square = 3$$

$$3 - \square = \square$$

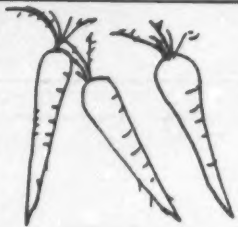
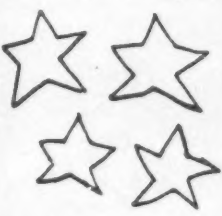
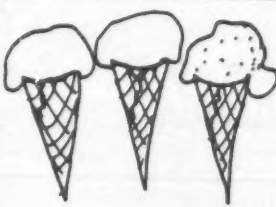
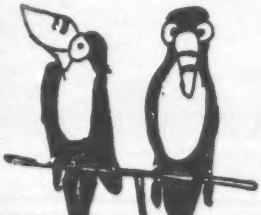
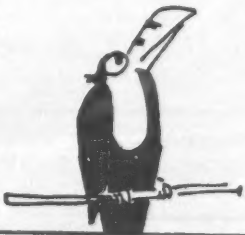
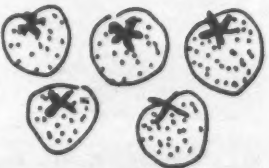
$$3 - \square = \square$$

NAME: _____

CLASS: _____

DATE: _____

How many did you have? How many do you have now?
Do you have more or less? Write the missing symbol
(+ or -) in the frame.

<i>I had</i>	<i>Now I have</i>	<i>More or Less</i>	<i>Number Sentence</i>
		More	$3 \square 1 = 4$
			$5 \square 2 = 3$
			$4 \square 1 = 5$
			$3 \square 2 = 1$
			$2 \square 1 = 1$
			$3 \square 2 = 5$

NAME: _____ CLASS: _____ DATE: _____

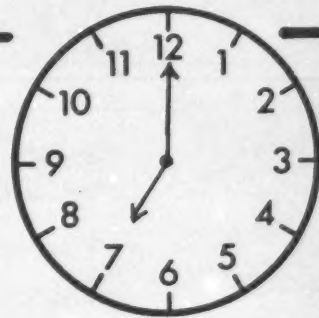
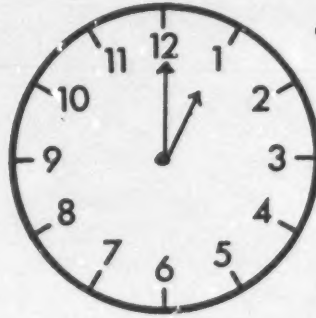
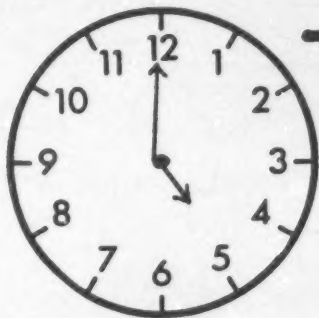
Follow the directions.



The long hand is
the minute hand.

The short hand
is the hour hand.

The hour hand is on the



The minute hand is on the

complete each clock

Put the hour hand on the 9. Put the hour hand on the 5.

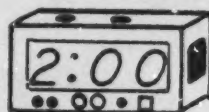
Put the minute hand on the 12. Put the minute hand on the 12.



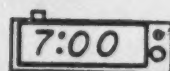
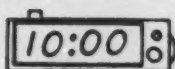
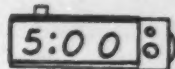
Follow the directions.



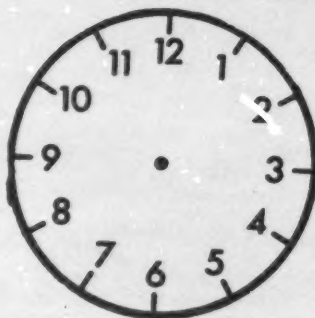
It is two o'clock.



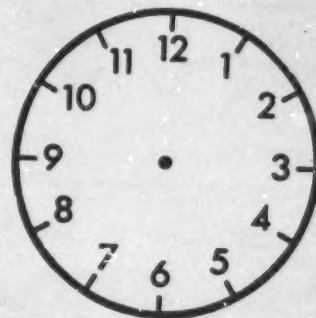
Match the clocks that show the same time.



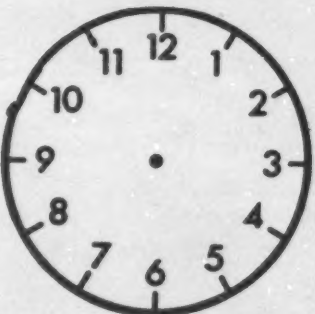
7 o'clock



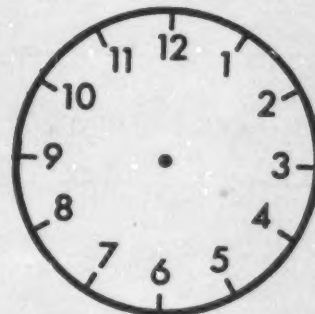
10 o'clock



5 o'clock



8 o'clock



Show the time on each clock.

NAME: _____ CLASS: _____ DATE: _____

Draw pictures to solve each story problem.
Dramatize each problem.

Three flowers are in each pot. There are two pots. Draw pictures to show how many flowers there are in all.



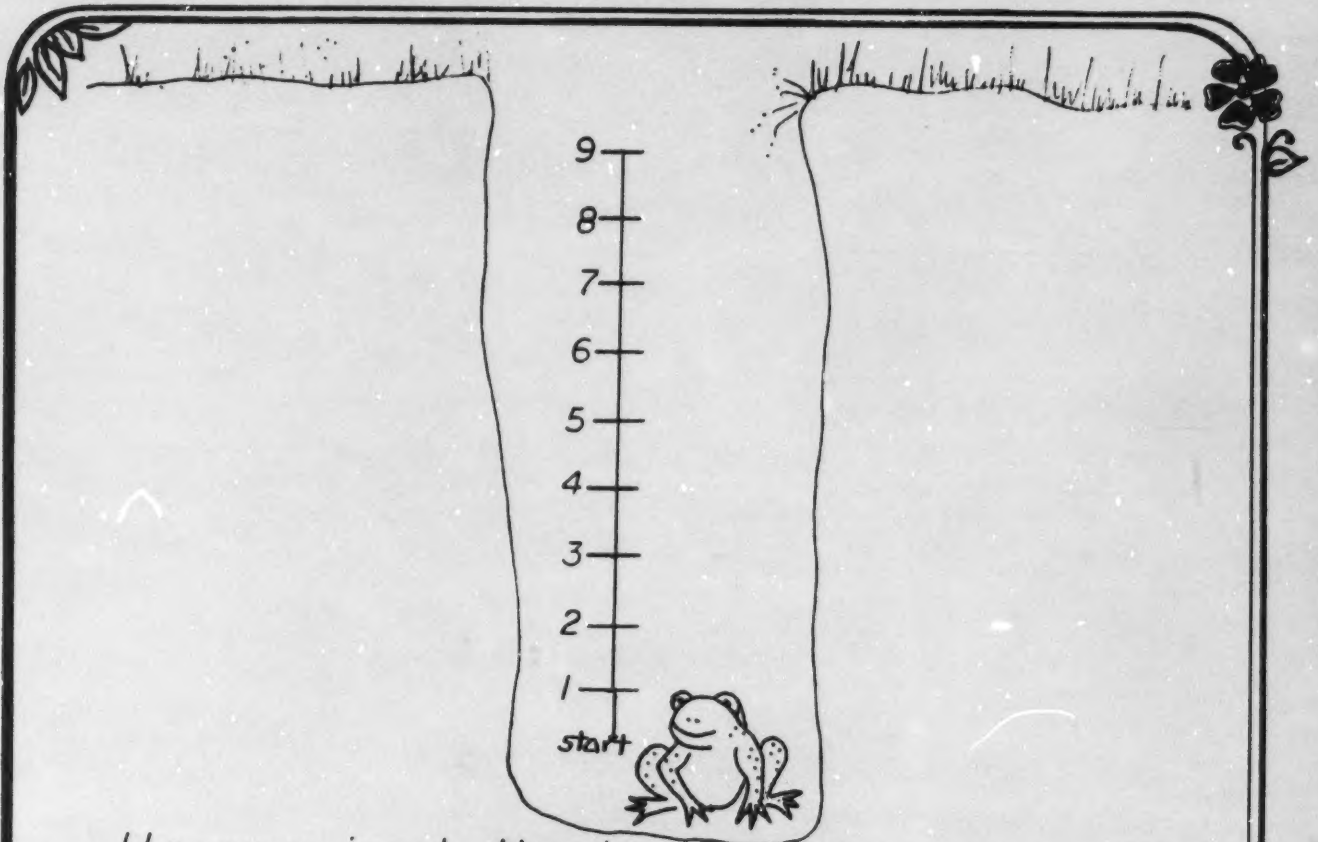
Four cars can fit on a ferry boat. How many cars can fit on two ferry boats?

Each house has 2 windows. I counted 8 windows. How many houses are there?

One tree has 4 apples on it. Another tree has 3 apples. How many apples are there altogether?

NAME: _____ CLASS: _____ DATE: _____

Use the number line to help Herman get out of the hole.



Herman is at the bottom of the hole. He climbs 2 steps each day. He slips down 1 step each night. How many days will it take Herman to get out of the hole? _____ days

Herman is at the bottom of the hole. Each time he climbs, he goes up 4 steps and slips down 2 steps. How many climbs must Herman make to reach the top of the hole? _____ climbs